| R ² | R ³ | X | X² | Y |
|----------------|----------------|----|----|-----------------|
| Н | amino acid | SH | Br | OH |
| Н | amino acid | SH | Br | OMe |
| Н | amino acid | SH | Br | OEt |
| Н | amino acid | SH | Br | O-cyclopropyl |
| H | amino acid | SH | Br | O-acetyl |
| H | amino acid | SH | Br | SH |
| Н | amino acid | SH | Br | SMe |
| H | amino acid | SH | Br | SEt |
| H | amino acid | SH | Br | S-cyclopropyl |
| H | amino acid | SH | Br | F |
| H | amino acid | SH | Br | Cl |
| H | amino acid | SH | Br | Br |
| H | amino acid | SH | Br | I |
| amino acid | amino acid | SH | Br | H |
| amino acid | amino acid | SH | Br | NH ₂ |
| amino acid | amino acid . | SH | Br | NH-cyclopropyl |
| amino acid | amino acid | SH | Br | NH-methyl |
| amino acid | amino acid | SH | Br | NH-ethyl |
| amino acid | amino acid | SH | Br | NH-acetyl |
| amino acid | amino acid | SH | Br | OH |
| amino acid | amino acid | SH | Br | OMe |
| amino acid | amino acid | SH | Br | OEt |
| amino acid | amino acid | SH | Br | O-cyclopropyl |
| amino acid | amino acid | SH | Br | O-acetyl |
| amino acid | amino acid | SH | Br | SH |
| amino acid | amino acid | SH | Br | SMe |
| amino acid | amino acid | SH | Br | SEt |
| amino acid | amino acid | SH | Br | S-cyclopropyl |
| amino acid | amino acid | SH | Br | F |
| amino acid | amino acid | SH | Br | Cl |
| amino acid | amino acid | SH | Br | Br |
| amino acid | amino acid | SH | Br | I |
| amino acid | H | SH | Br | Н |
| amino acid | H | SH | Br | NH ₂ |
| amino acid | Н | SH | Br | NH-cyclopropyl |
| amino acid | H | SH | Br | NH-methyl |
| amino acid | H | SH | Br | NH-ethyl |
| amino acid | Н | SH | Br | NH-acetyl |
| amino acid | H | SH | Br | OH |
| amino acid | H | SH | Br | OMe |
| amino acid | Н | SH | Br | OEt |
| amino acid | H | SH | Br | O-cyclopropyl |
| amino acid | Н | SH | Br | O-acetyl |
| amino acid | Н | SH | Br | SH |
| amino acid | H | SH | Br | SMe |
| amino acid | Н | SH | Br | SEt |
| amino acid | H | SH | Br | S-cyclopropyl |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| amino acid | H | SH | Br | F |
| amino acid | H | SH | Br | Cl . |
| amino acid | H | SH | Br | Br |
| amino acid | Н | SH | Br | I |
| amino acid | acyl | SH | Br | Н |
| amino acid | acyl | SH | Br | NH ₂ |
| amino acid | acyl | SH | Br | NH-cyclopropyl |
| amino acid | acyl | SH | Br | NH-methyl |
| amino acid | acyl | SH | Br | NH-ethyl |
| amino acid | acyl | SH | Br | NH-acetyl |
| amino acid | acyl | SH | Br | OH |
| amino acid | acyl | SH | Br | OMe |
| amino acid | acyl | SH | Br | OEt |
| amino acid | acyl | SH | Br | O-cyclopropyl |
| amino acid | acyl | SH | Br | O-acetyl |
| amino acid | acyl | SH | Br | SH |
| amino acid | acyl | SH | Br | SMe |
| amino acid | acyl | SH | Br | SEt |
| amino acid | acyl | SH | Br | S-cyclopropyl |
| amino acid | acyl | SH | Br | F |
| amino acid | acyl | SH | Br | Cl |
| amino acid | acyl | SH | Br | Br |
| amino acid | acyl | SH | Br. | I |
| acyl | Н | H | SH | Н |
| acyl | H | Н | SH | NH ₂ |
| acyl | H | H | SH | NH-cyclopropyl |
| acyl | H | H | SH | NH-methyl |
| acyl | Н | H | SH | NH-ethyl |
| acyl | Н | H | SH | NH-acetyl |
| acyl | H | H | SH | ОН |
| acyl | H | H | SH | OMe |
| acyl | H | Н | SH | OEt |
| acyl | H | H | SH | O-cyclopropyl |
| acyl | H | H | SH | O-acetyl |
| acyl | H | H | SH | SH |
| acyl | H | H | SH | SMe |
| acyl | H | H | SH | SEt · |
| acyl | H | H | SH | S-cyclopropyl |
| acyl | H | H | SH | F |
| acyl | Н | H | SH | Cl |
| acyl | Н | H | SH | Br |
| acyl | Н | H | SH | I |
| acyl | acyl | H | SH | H |
| acyl | acyl | H | SH | NH ₂ |
| acyl | acyl | H | SH | NH-cyclopropyl |
| acyl | acyl | Н | SH | NH-methyl |
| acyl | acyl | H | SH | NH-ethyl |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|--------------------|
| acyl | acyl | Н | SH | NH-acetyl |
| acyl | acyl | H | SH | OH |
| acyl | acyl | Н | SH | OMe |
| acyl | acyl | Н | SH | OEt |
| acyl | acyl | H | SH | O-cyclopropyl |
| acyl | acyl | H | SH | O-acetyl |
| acyl | acyl | H | SH | SH |
| acyl. | acyl | H | SH | SMe |
| acyl | acyl | H | SH | SEt |
| acyl | acyl | H | SH | S-cyclopropyl |
| acyl | acyl | H | SH | F |
| acŷl | acyl | H | SH | Cl |
| acyl | acyl | H | SH | Br |
| acyl | acyl | H | SH | I |
| acyl | amino acid | H | SH | H |
| acyl | amino acid | H | SH | NH ₂ |
| acyl | amino acid | H | SH | NH-cyclopropyl |
| | amino acid | H | SH | NH-methyl |
| acyl | amino acid | H | SH | NH-ethyl |
| acyl acyl | amino acid | H | SH | NH-acetyl |
| | amino acid | H | SH | OH |
| acyl | amino acid | H | SH | OMe |
| acyl | amino acid | H | SH | OEt |
| acyl | | H | SH | _ |
| acyl | amino acid | H | SH | O-cyclopropyl |
| acyl | amino acid | H | SH | O-acetyl SH |
| acyl | amino acid | H | SH | SMe |
| acyl | | Н | SH | SEt |
| acyl | amino acid | H | SH | |
| acyl | amino acid | | | S-cyclopropyl F |
| acyl | amino acid | H | SH | Cl |
| acyl | amino acid | H | SH | |
| acyl | amino acid | H | SH | Br |
| acyl | amino acid | H | SH | I |
| H | acyl | H | SH | H |
| H | acyl | H | SH | NH ₂ |
| H | acyl | H | SH | NH-cyclopropyl |
| H | acyl | <u> </u> | SH | NH-methyl |
| H | acyl | H | SH | NH-ethyl |
| H | acyl | H | SH | NH-acetyl |
| H | acyl | H | SH | OH |
| H | acyl | H | SH | OMe OF: |
| H | acyl | H | SH | OEt |
| H | acyl | H | SH | O-cyclopropyl |
| H | acyl | H | SH | O-acetyl |
| H | acyl | <u> </u> | SH | SH |
| Н | acyl | H | SH | SMe |
| H | acyl | H | SH | SEt |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| Н | acyl | H | SH | S-cyclopropyl |
| Н | acyl | Н | SH | F |
| H | acyl | H | SH | Cl |
| Н | acyl | H | SH | Br |
| Н | acyl | H | SH | I |
| H | amino acid | H | SH | H |
| Н | amino acid | H | SH | NH ₂ |
| H | amino acid | H | SH | NH-cyclopropyl |
| Н | amino acid | Н | SH | NH-methyl |
| Н | amino acid | H | SH | NH-ethyl |
| H | amino acid | H | SH | NH-acetyl |
| Н | amino acid | H | SH | ОН |
| Н | amino acid | H | SH | OMe |
| Н | amino acid | Н | SH | OEt |
| H | amino acid | H | SH | O-cyclopropyl |
| H | amino acid | H | SH | O-acetyl |
| H | amino acid | H | SH | SH |
| Н | amino acid | Н | SH | SMe |
| Н | amino acid | Н | SH | SEt |
| H | amino acid | Н | SH | S-cyclopropyl |
| Н | amino acid | Н | SH | F |
| Н | amino acid | Н | SH | Cl |
| H | amino acid | Н | SH | Br |
| Н | amino acid | H | SH | I |
| amino acid | amino acid | H | SH | Н |
| amino acid | amino acid | H | SH | NH ₂ |
| amino acid | amino acid | H | SH | NH-cyclopropyl |
| amino acid | amino acid | H | SH | NH-methyl |
| amino acid | amino acid | H | SH | NH-ethyl |
| amino acid | amino acid | H | SH | NH-acetyl |
| amino acid | amino acid | H | SH | OH |
| amino acid | amino acid | H | SH | OMe |
| amino acid | amino acid | Н | SH | OEt |
| amino acid | amino acid | H | SH | O-cyclopropyl |
| amino acid | amino acid | H | SH | O-acetyl |
| amino acid | amino acid | H | SH | SH ⁻ |
| amino acid | amino acid | H | SH | SMe |
| amino acid | amino acid | H | SH | SEt |
| amino acid | amino acid | H | SH | S-cyclopropyl |
| amino acid | amino acid | H | SH | F |
| amino acid | amino acid | H | SH | Cl |
| amino acid | amino acid | H | SH | Br |
| amino acid | amino acid | H | SH | I |
| amino acid | H | H | SH | H |
| amino acid | H | H | SH | NH ₂ |
| amino acid | H | H | SH | NH-cyclopropyl |
| amino acid | H | H | SH | NH-methyl |

| \mathbb{R}^2 | R ³ | X | X ² | Y |
|----------------|----------------|---|----------------|-----------------|
| amino acid | Н | Н | SH | NH-ethyl |
| amino acid | Н | Н | SH | NH-acetyl |
| amino acid | H | H | SH | ОН |
| amino acid | H | H | SH | OMe |
| amino acid | H | H | SH | OEt |
| amino acid | H | H | SH | O-cyclopropyl |
| amino acid | H | H | SH | O-acetyl |
| amino acid | H | H | SH | SH |
| amino acid | H | H | SH | SMe |
| amino acid | H | H | SH | SEt |
| amino acid | H | H | SH | S-cyclopropyl |
| amino acid | H | H | SH | F |
| amino acid | H | H | SH | Cl |
| amino acid | H | H | SH | Br |
| amino acid | H | H | SH | I |
| amino acid | acyl | H | SH | Н |
| amino acid | acyl | H | SH | NH ₂ |
| amino acid | acyl | H | SH | NH-cyclopropyl |
| amino acid | acyl | H | SH | NH-methyl |
| amino acid | acyl | H | SH | NH-ethyl |
| amino acid | acyl | H | SH | NH-acetyl |
| amino acid | acyl | H | SH | OH |
| amino acid | acyl | H | SH | OMe |
| amino acid | acyl | H | SH | OEt |
| amino acid | acyl | H | SH | O-cyclopropyl |
| amino acid | acyl | H | SH | O-acetyl |
| amino acid | acyl | H | SH | SH |
| amino acid | acyl | H | SH | SMe |
| amino acid | acyl | H | SH | SEt |
| amino acid | acyl | H | SH | S-cyclopropyl |
| amino acid | acyl | H | SH | F |
| amino acid | acyl | Н | SH | Cl |
| amino acid | acyl | H | SH | Br |
| amino acid | acyl | Н | SH | Ī |
| acyl | H | F | SH | H |
| acyl | Н | F | SH | NH ₂ |
| acyl | Н | F | SH | NH-cyclopropyl |
| acyl | Н | F | SH | NH-methyl |
| acyl | Н | F | SH | NH-ethyl |
| acyl | Н | F | SH | NH-acetyl |
| acyl | H | F | SH | OH OH |
| acyl | Н | F | SH | OMe |
| acyl | Н | F | SH | OEt |
| acyl | H | F | SH | O-cyclopropyl |
| acyl | H | F | SH | O-acetyl |
| acyl | Н | F | SH | SH |
| acyl | H | F | SH | SMe |
| wv J 1 | 1 | | 311 | 01110 |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|-----|----------------|-----------------|
| acyl | Н | F | SH | SEt |
| acyl | Н | F | SH | S-cyclopropyl |
| acyl | Н | F | SH | F |
| acyl | H | F | SH | Ci |
| acyl | H | F | SH | Br |
| acyl | H | F | SH | I |
| acyl | acyl | F | SH | H |
| acyl | acyl | F | SH | NH ₂ |
| acyl | acyl | F | SH | NH-cyclopropyl |
| acyl | acyl | F | SH | NH-methyl |
| acyl | acyl | F | SH | NH-ethyl |
| acyl | acyl | F | SH | NH-acetyl |
| acyl | acyl | F | SH | OH OH |
| acyl | | F | SH | OMe |
| | acyl | F | SH | OEt |
| acyl | acyl | F | | |
| acyl | acyl | F | SH SH | O-cyclopropyl |
| acyl | acyl | | | O-acetyl |
| acyl | acyl | F | SH | SH |
| acyl | acyl | F | SH | SMe |
| acyl | acyl | F_ | SH | SEt |
| acyl | acyl | F | SH | S-cyclopropyl |
| acyl | acyl | F | SH | F |
| acyl | acyl | F | SH | Cl |
| acyl | acyl | F | SH | Br |
| acyl | acyl | F | SH | I |
| acyl | amino acid | F | SH | Н |
| acyl | amino acid | F | SH | NH ₂ |
| acyl | amino acid | F | SH | NH-cyclopropyl |
| acyl | amino acid | F | SH | NH-methyl |
| acyl | amino acid | F | SH | NH-ethyl |
| acyl | amino acid | F | SH | NH-acetyl |
| acyl | amino acid | F | SH | OH |
| acyl | amino acid | F | SH | ОМе |
| acyl | amino acid | F | SH | OEt |
| acyl | amino acid | F . | SH | O-cyclopropyl |
| acyl | amino acid | F | SH | O-acetyl |
| acyl | amino acid | F | SH | SH |
| acyl | amino acid | F | SH | SMe |
| acyl | amino acid | F | SH | SEt |
| acyl | amino acid | F | SH | S-cyclopropyl |
| acyl | amino acid | F | SH | F |
| acyl | amino acid | F | SH | Cl |
| acyl | amino acid | F | SH | Br |
| acyl | amino acid | F | SH | I |
| H | acyl | F | SH | H |
| H | acyl | F | SH | NH ₂ |
| | , | F | SH | NH-cyclopropyl |

| R ² | R ³ | X ¹ | $\overline{X^2}$ | Y |
|----------------|----------------|----------------|------------------|------------------------|
| H | acyl | F | SH | NH-methyl |
| H | acyl | F | SH | NH-ethyl |
| H | acyl | F | SH | NH-acetyl |
| H | acyl | F | SH | OH OH |
| H | acyl | F | SH | OMe |
| H | acyl | F | SH | OEt |
| H | acyl | F | SH | |
| H | acyl | F | SH | O-cyclopropyl O-acetyl |
| H | | F | SH | SH SH |
| H | acyl | F | SH | |
| H | acyl | F | SH | SMe SEt |
| H | acyl | F | | |
| H | acyl | F | SH | S-cyclopropyl F |
| Н | acyl | F | SH | |
| | acyl | | SH | Cl |
| H | acyl | F | SH | Br |
| rı | acyl | F | SH | I |
| H | amino acid | F | SH | H |
| H | amino acid | F | SH | NH ₂ |
| H | amino acid | F | SH | NH-cyclopropyl |
| H | amino acid | F | SH | NH-methyl |
| H | amino acid | F | SH | NH-ethyl |
| Н | amino acid | F | SH | NH-acetyl |
| H | amino acid | F | SH | OH |
| H | amino acid | F | SH | OMe |
| Н | amino acid | F | SH | OEt |
| H | amino acid | F | SH | O-cyclopropyl |
| H | amino acid | F | SH | O-acetyl |
| Н | amino acid | F | SH | SH |
| H | amino acid | F | SH | SMe |
| H | amino acid | F | SH | SEt |
| H | amino acid | F | SH | S-cyclopropyl |
| H | amino acid | F | SH | F |
| H | amino acid | F | SH | Cl |
| H | amino acid | F | SH | Br |
| H | amino acid | F | SH | I |
| amino acid | amino acid | F | SH | H |
| amino acid | amino acid | F | SH | NH ₂ |
| amino acid | amino acid | F | SH | NH-cyclopropyl |
| amino acid | amino acid | F | SH | NH-methyl |
| amino acid | amino acid | F | SH | NH-ethyl |
| amino acid | amino acid | F | SH | NH-acetyl |
| amino acid | amino acid | F | SH | ОН |
| amino acid | amino acid | F | SH | OMe |
| amino acid | amino acid | F | SH | OEt |
| amino acid | amino acid | F | SH | O-cyclopropyl |
| amino acid | amino acid | F | SH | O-acetyl |
| amino acid | amino acid | F | SH | SH |
| | | | | |

| R ² | R ³ | X | X² | Y |
|----------------|----------------|----|----|-----------------|
| amino acid | amino acid | F | SH | SMe |
| amino acid | amino acid | F | SH | SEt |
| amino acid | amino acid | F | SH | S-cyclopropyl |
| amino acid | amino acid | F | SH | F |
| amino acid | amino acid | F | SH | Cl |
| amino acid | amino acid | F | SH | Br |
| amino acid | amino acid | F | SH | I |
| amino acid | Н | F | SH | H |
| amino acid | Н | F | SH | NH ₂ |
| amino acid | H | F | SH | NH-cyclopropyl |
| amino acid | Н | F | SH | NH-methyl |
| amino acid | H | F | SH | NH-ethyl |
| amino acid | H | F | SH | NH-acetyl |
| amino acid | H | F | SH | OH |
| amino acid | H | F | SH | OMe |
| amino acid | Н | F | SH | OEt |
| amino acid | H | F | SH | O-cyclopropyl |
| amino acid | H | F | SH | O-acetyl |
| amino acid | H | F | SH | SH |
| amino acid | H | F | SH | SMe |
| amino acid | H | F | SH | SEt |
| amino acid | Н | F | SH | S-cyclopropyl |
| amino acid | H | F | SH | F |
| amino acid | Н | F | SH | Cl |
| amino acid | Н | F | SH | Br |
| amino acid | Н | F | SH | I |
| amino acid | acyl | F | SH | Н |
| amino acid | acyl | F | SH | NH ₂ |
| amino acid | acyl | F | SH | NH-cyclopropyl |
| amino acid | acyl | F | SH | NH-methyl |
| amino acid | acyl | F | SH | NH-ethyl |
| amino acid | acyl | F | SH | NH-acetyl |
| amino acid | acyl | F | SH | OH |
| amino acid | acyl | F | SH | OMe |
| amino acid | acyl | F | SH | OEt |
| amino acid | acyl | F | SH | O-cyclopropyl |
| amino acid | acyl | F | SH | O-acetyl |
| amino acid | acyl | F | SH | SH |
| amino acid | acyl | F | SH | SMe |
| amino acid | acyl | F | SH | SEt |
| amino acid | acyl | F | SH | S-cyclopropyl |
| amino acid | acyl | F | SH | F |
| amino acid | acyl | F | SH | Cl |
| amino acid | acyl | F | SH | Br |
| amino acid | acyl | F | SH | I |
| acyl | Н | Cl | SH | H |
| acyl | H | Cl | SH | NH ₂ |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|------------------|----------------|----------------|-----------------|
| acyl | H | Cl | SH | NH-cyclopropyl |
| acyl | H | Cl | SH | NH-methyl |
| acyl | H | Cl | SH | NH-ethyl |
| acyl | H | Cl | SH | NH-acetyl |
| | $-\frac{\Pi}{H}$ | Cl | SH | OH |
| acyl | H | Cl | SH | OMe |
| acyl | | | | |
| acyl | H | Cl | SH | OEt |
| acyl | H | Cl | SH | O-cyclopropyl |
| acyl | H | Cl | SH | O-acetyl |
| acyl | H | C1 | SH | SH |
| acyl | H | Cl | SH | SMe |
| acyl | H | Cl | SH | SEt |
| acyl | Н | Cl | SH | S-cyclopropyl |
| acyl | H | Cl | SH | F |
| acyl | Н | Cl | SH | Cl |
| acyl | H | Cl | SH | Br |
| acyl | Н | Cl | SH | I |
| acyl | acyl | C1 | SH | H |
| acyl | acyl | C1 | SH | NH ₂ |
| acyl | acyl | C1 | SH | NH-cyclopropyl |
| acyl | acyl | Cl | SH | NH-methyl |
| acyl | acyl | Cl | SH | NH-ethyl |
| acyl | acyl | Cl | SH | NH-acetyl |
| acyl | acyl | Cl | SH | OH |
| acyl | acyl | Cl | SH | OMe |
| acyl | acyl | Cl | SH | OEt |
| acyl | acyl | Cl | SH | O-cyclopropyl |
| acyl | acyl | C1 | SH | O-acetyl |
| acyl | acyl | Cl | SH | SH |
| acyl | acyl | Cl | SH | SMe |
| acyl | acyl | Cl | SH | SEt |
| acyl | acyl | Cl | SH | S-cyclopropyl |
| acyl | acyl | Cl | SH | F |
| acyl | acyl | Cl | SH | Cl |
| acyl | acyl | · Cl | SH | Br |
| acyl | acyl | Cl | SH | I |
| acyl | amino acid | Cl | SH | H |
| acyl | amino acid | Cl | SH | NH ₂ |
| acyl | amino acid | Cl | SH | NH-cyclopropyl |
| acyl | amino acid | Cl | SH | NH-methyl |
| acyl | amino acid | Cl | SH | NH-ethyl |
| acyl | amino acid | Cl | SH | NH-acetyl |
| acyl | amino acid | Cl | SH | OH |
| | amino acid | Cl | SH | OMe |
| acyl | amino acid | CI | SH | OEt |
| acyl | amino acid | CI | | |
| acyl | | Cl | SH | O-cyclopropyl |
| acyl | amino acid | <u> </u> | SH | O-acetyl |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| acyl | amino acid | Cl | SH | SH |
| acyl | amino acid | Cl | SH | SMe |
| acyl | amino acid | Cl | SH | SEt |
| acyl | amino acid | Cl | SH | S-cyclopropyl |
| acyl | amino acid | Cl | SH | F |
| acyl | amino acid | Cl | SH | C1 |
| acyl | amino acid | Cl | SH | Br |
| acyl | amino acid | Cl | SH | Ī |
| H | acyl | Cl | SH | H |
| H | acyl | Cl | SH | NH ₂ |
| H | acyl | Cl | SH | NH-cyclopropyl |
| Н | acyl | Cl | SH | NH-methyl |
| H | acyl | Cl | SH | NH-ethyl |
| H | acyl | Cl | SH | NH-acetyl |
| H | acyl | Cl | SH | ОН |
| H | acyl | Cl | SH | OMe |
| Н | acyl | Cl | SH | OEt |
| Н | acyl | Cl | SH | O-cyclopropyl |
| H | acyl | Cl | SH | O-acetyl |
| Н | acyl | Cl | SH | SH |
| Н. | acyl | Cl | SH | SMe |
| H | acyl | Cl | SH | SEt |
| H | acyl | Cl | SH | S-cyclopropyl |
| Н | acyl | Cl | SH | F |
| H | acyl | Cl | SH | Cl |
| Н | acyl | Cl | SH | Br |
| Н | acyl | Cl | SH | I |
| H | amino acid | Cl | SH | Н |
| Н | amino acid | Cl | SH | NH ₂ |
| Н | amino acid | C1 | SH | NH-cyclopropyl |
| Н | amino acid | Cl | SH | NH-methyl |
| H | amino acid | Cl | SH | NH-ethyl |
| Н | amino acid | Cl | SH | NH-acetyl |
| H | amino acid | Cl | SH | OH |
| H | amino acid | Cl | SH | OMe |
| H | amino acid | Cl | SH | OEt |
| Н | amino acid | Cl | SH | O-cyclopropyl |
| H | amino acid | Cl | SH | O-acetyl |
| H | amino acid | Cl | SH | SH |
| H | amino acid | Cl | SH | SMe |
| H | amino acid | Cl | SH | SEt |
| Н | amino acid | Cl | SH | S-cyclopropyl |
| H | amino acid | Cl | SH | F |
| H | amino acid | Cl | SH | Cl |
| H | amino acid | Cl | SH | Br |
| H | amino acid | Cl | SH | I |
| amino acid | amino acid | Cl | SH | H |

| R ² | R ³ | X ¹ | X ² | Y |
|--|----------------------|----------------|----------------|-----------------------------|
| amino acid | amino acid | Cl | SH | NH ₂ |
| amino acid | amino acid | Cl | SH | NH-cyclopropyl |
| amino acid | amino acid | Ci | SH | NH-methyl |
| amino acid | amino acid | Ci | SH | NH-ethyl |
| amino acid | amino acid | Ci | SH | NH-acetyl |
| | | Cl | SH | OH |
| amino acid | amino acid | Cl | | OMe |
| amino acid | amino acid | Cl | SH | |
| amino acid | amino acid | Cl | | OEt |
| amino acid | amino acid | | SH | O-cyclopropyl |
| amino acid | amino acid | Cl | SH | O-acetyl |
| amino acid | amino acid | Cl | SH | SH |
| amino acid | amino acid | C1 | SH | SMe |
| amino acid | amino acid | Cl | SH | SEt |
| amino acid | amino acid | Cl | SH | S-cyclopropyl |
| amino acid | amino acid | Cl | SH | F |
| amino acid | amino acid | Cl | SH | Cl |
| amino acid | amino acid | Cl | SH | Br |
| amino acid | amino acid | Cl | SH | I |
| amino acid | H | Cl | SH | H |
| amino acid | H | C1 | SH | NH ₂ |
| amino acid | H | C1 | SH | NH-cyclopropyl |
| amino acid | H | Cl | SH | NH-methyl |
| amino acid | H | C1 | SH | NH-ethyl |
| amino acid | H | C1 | SH | NH-acetyl |
| amino acid | H | C1 | SH | OH |
| amino acid | Н | C1 | SH | OMe |
| amino acid | H | C1 | SH | OEt |
| amino acid | H | C1 | SH | O-cyclopropyl |
| amino acid | H · | C1 | SH | O-acetyl |
| amino acid | Н | C1 | SH | SH |
| amino acid | H | Cl | SH | SMe |
| amino acid | H | Cl | SH | SEt |
| amino acid | Н | Cl | SH | S-cyclopropyl |
| amino acid | Н | C1 | SH | F |
| amino acid | Н | Cl | SH | Cl |
| amino acid | H | Cl | SH | Br |
| amino acid | H | Cl | SH | I |
| amino acid | acyl | Cl | SH | Н |
| amino acid | acyl | Cl | SH | NH ₂ |
| amino acid | acyl | C1 | SH | NH-cyclopropyl |
| amino acid | acyl | Cl | SH | NH-methyl |
| amino acid | acyl | Cl | SH | NH-ethyl |
| amino acid | acyl | Cl | SH | NH-acetyl |
| amino acid | acyl | Cl | SH | OH |
| | | | | |
| | | | | |
| | | | | _ 1 |
| amino acid amino acid amino acid | acyl acyl acyl | C1 C1 C1 | SH SH SH | OMe OEt O-cyclopropyl |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|-------|----------------|-----------------|
| amino acid | acyl | Cı | SH | O-acetyl |
| amino acid | acyl | Cl | SH | SH |
| amino acid | acyl | Cl | SH | SMe |
| amino acid | acyl | Cl | SH | SEt |
| amino acid | acyl | Cl | SH | S-cyclopropyl |
| amino acid | acyl | Ci | SH | F S-cyclopropyi |
| amino acid | acyl | Cl | SH | Cl |
| amino acid | acyl | Cl | SH | Br |
| amino acid | | Ci | SH | I |
| | acyl H | Br | SH | H |
| acyl | H | Br | SH | |
| acyl | H | Br | SH | NH ₂ |
| acyl | H | | | NH-cyclopropyl |
| acyl | H | Br | SH | NH-methyl |
| acyl | H | Br D- | SH | NH-ethyl |
| acyl | | Br | SH | NH-acetyl |
| acyl | H | Br | SH | OH |
| acyl | H | Br Br | SH | OMe |
| acyl | H | Br | SH | OEt |
| acyl | H | Br | SH | O-cyclopropyl |
| acyl | H | Br | SH | O-acetyl |
| acyl | H | Br | SH | SH |
| acyl | H | Br | SH | SMe |
| acyl | H | Br | SH | SEt |
| acyl | H | Br | SH | S-cyclopropyl |
| acyl | H | Br | SH | F |
| acyl | H | Br | SH | Cl |
| acyl | H | Br | SH | Br |
| acyl | H | Br | SH | I |
| acyl | acyl | Br | SH | H |
| acyl | acyl | Br | SH | NH ₂ |
| acyl | acyl | Br | SH | NH-cyclopropyl |
| acyl | acyl | Br | SH | NH-methyl |
| acyl | acyl | Br | SH | NH-ethyl |
| acyl | acyl | Br | SH | NH-acetyl |
| acyl | acyl | Br | SH | OH |
| acyl | acyl | Br | SH | OMe |
| acyl | acyl | Br | SH | OEt |
| acyl | acyl | Br | SH | O-cyclopropyl |
| acyl | acyl | Br | SH | O-acetyl |
| acyl | acyl | Br | SH | SH |
| acyl | acyl | Br | SH | SMe |
| acyl | acyl | Br | SH | SEt |
| acyl | acyl | Br | SH | S-cyclopropyl |
| acyl | acyl | Br | SH | F |
| acyl | acyl | Br | SH | Cl |
| acyl | acyl | Br | SH | Br |
| acyl | acyl | Br | SH | I |
| | | | | |

| R ² | R ³ | X | X ² | Υ |
|----------------|----------------|----|----------------|-----------------|
| acyl | amino acid | Br | SH | Н |
| acyl | amino acid | Br | SH | NH ₂ |
| acyl | amino acid | Br | SH | NH-cyclopropyl |
| acyl | amino acid | Br | SH | NH-methyl |
| acyl | amino acid | Br | SH | NH-ethyl |
| acyl | amino acid | Br | SH | NH-acetyl |
| acyl | amino acid | Br | SH | ОН |
| acyl | amino acid | Br | SH | OMe |
| acyl | amino acid | Br | SH | OEt |
| acyl | amino acid | Br | SH | O-cyclopropyl |
| acyl | amino acid | Br | SH | O-acetyl |
| acyl | amino acid | Br | SH | SH |
| acyl | amino acid | Br | SH | SMe |
| acyl | amino acid | Br | SH | SEt |
| acyl | amino acid | Br | SH | S-cyclopropyl |
| acyl | amino acid | Br | SH | F |
| acyl | amino acid | Br | SH | Cl |
| acyl | amino acid | Br | SH | Br |
| acyl | amino acid | Br | SH | I |
| H | acyl | Br | SH | H |
| Н | acyl | Br | SH | NH ₂ |
| Н | acyl | Br | SH | NH-cyclopropyl |
| Н | acyl | Br | SH | NH-methyl |
| H | acyl | Br | SH | NH-ethyl |
| H | acyl | Br | SH | NH-acetyl |
| Н | acyl | Br | SH | OH |
| Н | acyl | Br | SH | OMe |
| H | acyl | Br | SH | OEt |
| H | acyl | Br | SH | O-cyclopropyl |
| H | acyl | Br | SH | O-acetyl |
| H | acyl | Br | SH | SH |
| H | acyl | Br | SH | SMe |
| Н | acyl | Br | SH | SEt |
| H | acyl | Br | SH | S-cyclopropyl |
| H | acyl | Br | SH | F |
| H | acyl | Br | SH | Cl |
| H | acyl | Br | SH | Br |
| H | acyl | Br | SH | I |
| H | amino acid | Br | SH | H |
| Н | amino acid | Br | SH | NH ₂ |
| H | amino acid | Br | SH | NH-cyclopropyl |
| H | amino acid | Br | SH | NH-methyl |
| H | amino acid | Br | SH | NH-ethyl |
| H | amino acid | Br | SH | NH-acetyl |
| H | amino acid | Br | SH | ОН |
| H | amino acid | Br | SH | OMe - |
| H | amino acid | Br | SH | OEt |

| \mathbb{R}^2 | \mathbb{R}^3 | XI | X ² | Y |
|----------------|----------------|-----|----------------|-----------------|
| Н | amino acid | Br | SH | O-cyclopropyl |
| Н | amino acid | Br | SH | O-acetyl |
| Н | amino acid | Br | SH | SH |
| Н | amino acid | Br | SH | SMe |
| Н | amino acid | Br | SH | SEt |
| Н | amino acid | Br | SH | S-cyclopropyl |
| H | amino acid | Br | SH | F |
| H | amino acid | Br | SH | Cl |
| H | amino acid | Br | SH | Br |
| H | amino acid | Br | SH | 1 |
| amino acid | amino acid | Br | SH | Н |
| amino acid | amino acid | Br | SH | NH ₂ |
| amino acid | amino acid | Br | SH | NH-cyclopropyl |
| amino acid | amino acid | Br | SH | NH-methyl |
| amino acid | amino acid | Br | SH | NH-ethyl |
| amino acid | amino acid | Br | SH | NH-acetyl |
| amino acid | amino acid | Br | SH | OH |
| amino acid | amino acid | Br | SH | OMe |
| amino acid | amino acid | Br | SH | OEt |
| amino acid | amino acid | Br | SH | O-cyclopropyl |
| amino acid | amino acid | Br. | SH | O-acetyl |
| amino acid | amino acid | Br | SH | SH |
| amino acid | amino acid | Br | SH | SMe |
| amino acid | amino acid | Br | SH | SEt |
| amino acid | amino acid | Br | SH | S-cyclopropyl |
| amino acid | amino acid | Br | SH | F |
| amino acid | amino acid | Br | SH | C1 |
| amino acid | amino acid | Br | SH | Br |
| amino acid | amino acid | Br | SH | I |
| amino acid | Н | Br | SH | H |
| amino acid | H | Br | SH | NH ₂ |
| amino acid | H | Br | SH | NH-cyclopropyl |
| amino acid | H | Br | SH | NH-methyl |
| amino acid | Н | Br | SH | NH-ethyl |
| amino acid | H | Br | SH | NH-acetyl |
| amino acid | H | Br | SH | OH |
| amino acid | H | Br | SH | OMe |
| amino acid | H | Br | SH | OEt |
| amino acid | H | Br | SH | O-cyclopropyl |
| amino acid | H | Br | SH | O-acetyl |
| amino acid | H | Br | SH | SH |
| amino acid | H | Br | SH | SMe |
| amino acid | H | Br | SH | SEt |
| amino acid | H | Br | SH | S-cyclopropyl |
| amino acid | Н | Br | SH | F |
| amino acid | H | Br | SH | Cl |
| amino acid | H | Br | SH | Br |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| amino acid | H | Br | SH | Ī |
| amino acid | acyl | Br | SH | H |
| amino acid | acyl | Br | SH | NH ₂ |
| amino acid | acyl | Br | SH | NH-cyclopropyl |
| amino acid | | Br | SH | NH-methyl |
| | acyl | Br | SH | NH-ethyl |
| amino acid | acyl | Br | SH | |
| | acyl | Br | SH | NH-acetyl OH |
| amino acid | acyl | Br | SH | OMe |
| amino acid | acyl | | | |
| amino acid | acyl | Br | SH | OEt |
| amino acid | acyl | Br | SH | O-cyclopropyl |
| amino acid | acyl | Br | SH | O-acetyl |
| amino acid | acyl | Br | SH | SH |
| amino acid | acyl | Br | SH | SMe |
| amino acid | acyl | Br | SH | SEt |
| amino acid | acyl | Br | SH | S-cyclopropyl |
| amino acid | acyl | Br | SH | F |
| amino acid | acyl | Br | SH | Cl |
| amino acid | acyl | Br | SH | Br |
| amino acid | acyl | Br | SH | I |
| acyl | H | F | F | H |
| acyl | H | F | F | NH ₂ |
| acyl | H | F | F | NH-cyclopropyl |
| acyl | H | F | F | NH-methyl |
| acyl | H | F | F | NH-ethyl |
| acyl | H | F | F | NH-acetyl |
| acyl | H | F | F | OH |
| acyl | H | F | F | OMe |
| acyl | H | F | F | OEt |
| acyl | Н | F | F | O-cyclopropyl |
| acyl | H | F | F | O-acetyl |
| acyl | H | F | F | SH |
| acyl | Н | F | F | SMe |
| acyl | H | F | F | SEt |
| acyl | Н | F | F | S-cyclopropyl |
| acyl | H | F | F | ·F |
| acyl | Н | F | F | Cl |
| acyl | Н | F | F | Br |
| acyl | H | F | F | I |
| acyl | acyl | F | F | H |
| acyl | acyl | F | F | NH ₂ |
| acyl | acyl | F | F | NH-cyclopropyl |
| acyl | acyl | F | F | NH-methyl |
| | acyl | F F | F | NH-ethyl |
| acyl | acyl | - F | F | NH-acetyl |
| acyl | | F F | F | OH |
| acyl | acyl | F | F | OMe |
| acyl | acyl | <u> r</u> | Г | OME |

| R ² | R ³ | \mathbf{X}^{1} | X ² | Y |
|----------------|----------------|------------------|----------------|-----------------------------|
| acyl | acyl | F | F | OEt |
| acyl | acyl | F | F | O-cyclopropyl |
| acyl | acyl | F | F | O-acetyl |
| acyl | acyl | F | F | SH |
| acyl | acyl | F | F | SMe |
| acyl | acyl | F | F | SEt |
| acyl | acyl | F | F | S-cyclopropyl |
| acyl | acyl | F | F | F |
| acyl | acyl | F | F | Cl |
| acyl | acyl | F | F | Br |
| acyl | acyl | F | F | I |
| acyl | amino acid | F | F | H |
| acyl | amino acid | F | F | NH ₂ |
| acyl | amino acid | F | F | NH-cyclopropyl |
| acyl | amino acid | F | F | NH-methyl |
| acyl | amino acid | F | F | NH-ethyl |
| acyl | amino acid | F | F | NH-acetyl |
| | amino acid | F | F | OH OH |
| acyl acyl | amino acid | F | F | OMe |
| acyl | amino acid | F | F | OEt |
| | amino acid | F | F | O-cyclopropyl |
| acyl | amino acid | F | F | O-acetyl |
| acyl | amino acid | F | F | SH |
| acyl | amino acid | F | F | SMe |
| acyl | amino acid | F | F | SEt |
| acyl | amino acid | F | F | |
| acyl | amino acid | F | F | S-cyclopropyl F |
| acyl | amino acid | F | F | Cl |
| acyl | amino acid | F | F | Br |
| acyl | amino acid | F | F | I |
| acyl H | | F | F | H |
| H | acyl | F | F | NH ₂ |
| Н | acyl | F | F | |
| H | acyl | F | F | NH-cyclopropyl NH-methyl |
| | acyl | F | F | NH-ethyl |
| H | acyl | F | F | NH-acetyl |
| H | acyl | F | F | OH |
| | acyl | F | F | |
| H | acyl | F | F | OMe OEt |
| H | acyl | F | F | |
| H | acyl | F | F | O-cyclopropyl |
| H | acyl | F | | O-acetyl |
| H | acyl | F | F | SH |
| H | acyl | · | | SMe |
| H | acyl | F | F | SEt |
| <u>H</u> | acyl | F | F | S-cyclopropyl |
| H | acyl | F | F | F |
| Н | acyl | F | F | Cl |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| H | acyl | F | F | Br |
| Н | acyl | F | F | I |
| H | amino acid | F | F | Н |
| H | amino acid | F | F | NH ₂ |
| H | amino acid | F | F | NH-cyclopropyl |
| Н | amino acid | F | F | NH-methyl |
| H | amino acid | F | F | NH-ethyl |
| Н | amino acid | F | F | NH-acetyl |
| Н | amino acid | F | F | OH |
| Н | amino acid | F | F | OMe |
| H | amino acid | F | F | OEt |
| H | amino acid | F | F | O-cyclopropyl |
| H | amino acid | F | F | O-acetyl |
| Н | amino acid | F | F | SH |
| H | amino acid | F | F | SMe |
| H | amino acid | F | F | SEt |
| H | amino acid | F | F | S-cyclopropyl |
| Н | amino acid | F | F | F |
| Н | amino acid | F | F | Cl |
| Н | amino acid | F | F | Br |
| Н | amino acid | F | F | I |
| amino acid | amino acid | F | F | Н |
| amino acid | amino acid | F | F | NH ₂ |
| amino acid | amino acid | F | F | NH-cyclopropyl |
| amino acid | amino acid | F | F | NH-methyl |
| amino acid | amino acid | F | F | NH-ethyl |
| amino acid | amino acid | F | F | NH-acetyl |
| amino acid | amino acid | F | F | OH |
| amino acid | amino acid | F | F | OMe |
| amino acid | amino acid | F | F | OEt |
| amino acid | amino acid | F | F | O-cyclopropyl |
| amino acid | amino acid | F | F | O-acetyl |
| amino acid | amino acid | F | F | SH |
| amino acid | amino acid | F | F | SMe |
| amino acid | amino acid | F | F | SEt |
| amino acid | amino acid | F | F | S-cyclopropyl |
| amino acid | amino acid | F | F | F |
| amino acid | amino acid | F | F | Cl |
| amino acid | amino acid | F | F | Br |
| amino acid | amino acid | F | F | I |
| amino acid | Н | F | F | Н |
| amino acid | Н | F | F | NH ₂ |
| amino acid | Н | F | F | NH-cyclopropyl |
| amino acid | H | F | F | NH-methyl |
| amino acid | Н | F | F | NH-ethyl |
| amino acid | Н | F | F | NH-acetyl |
| amino acid | H | F | F | ОН |

| R ² | \mathbb{R}^3 | X¹ | X ² | Y |
|----------------|----------------|-------------|----------------|--------------------|
| amino acid | Н | F | F | ОМе |
| amino acid | Н | F | F | OEt |
| amino acid | Н | F | F | O-cyclopropyl |
| amino acid | Н | F | F | O-acetyl |
| amino acid | H | F | F | SH |
| amino acid | H | F | F | SMe |
| amino acid | H | F | F | SEt |
| amino acid | H | F | F | S-cyclopropyl |
| amino acid | H | F | F | F |
| amino acid | H | F | F | Cl |
| amino acid | H | F | F | Br |
| amino acid | H | F | F | I |
| amino acid | acyl | F | F | H |
| amino acid | acyl | F | F | NH ₂ |
| amino acid | acyl | F | F | NH-cyclopropyl |
| amino acid | acyl | F | F | NH-methyl |
| amino acid | | F | F | NH-ethyl |
| amino acid | acyl | F | F | NH-acetyl |
| amino acid | acyl | F | F | OH OH |
| | acyl | F | F | OMe |
| amino acid | acyl | F | F | OEt |
| amino acid | acyl | F | F | O-cyclopropyl |
| amino acid | acyl | F | F | O-acetyl |
| amino acid | acyl | F | F | SH |
| amino acid | acyl | F | F | SMe |
| amino acid | acyl | F | F | SEt |
| amino acid | acyl | F | F | |
| amino acid | acyl | F | F | S-cyclopropyl F |
| amino acid | acyl | F | F | Cl |
| amino acid | acyl | F | F | Br |
| amino acid | acyl | F | F | I |
| amino acid | acyl | | Cl | H |
| acyl | H | Cl | | |
| acyl | H | Cl | C1 | NH ₂ |
| acyl | H | Cl | Cl | NH-cyclopropyl |
| acyl | H | Cl | Cl | NH-methyl |
| acyl | H | Cl | Cl | NH-ethyl |
| acyl | H | Cl | Cl | NH-acetyl |
| acyl | H | Cl | Cl | OH |
| acyl | H | Cl | Cl | OMe |
| acyl | H | Cl | Cl | OEt |
| acyl | H | Cl | Cl | O-cyclopropyl |
| acyl | H . | Cl | Cl | O-acetyl |
| acyl | H | Cl | Cl | SH |
| acyl | <u>H</u> | Cl | Cl | SMe |
| acyl | H | Cl | Cl | SEt |
| acyl | H | Cl | Cl | S-cyclopropyl |
| acyl | H | Cl | Cl | F · |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| acyl | Н | Cl | C1 | Cl |
| acyl | Н | Cl | Cl | Br |
| acyl | Н | Cl | Cl | I |
| acyl | acyl | Cl | Cl | Н |
| acyl | acyl | Cl | Cl | NH ₂ |
| acyl | acyl | Cl | Cl | NH-cyclopropyl |
| acyl | acyl | Cl | Cl | NH-methyl |
| acyl | acyl | Cl | Cl | NH-ethyl |
| acyl | acyl | Cl | Cl | NH-acetyl |
| acyl | acyl | Cl | Cl | OH |
| acyl | acyl | Cl | Cl | OMe |
| acyl | acyl | Cl | Cl | OEt |
| acyl | acyl | Cl | Cl | O-cyclopropyl |
| acyl | acyl | Cl | Cl | O-acetyl |
| acyl | acyl | Ci | Cl | SH |
| acyl | acyl | Cl | CI | SMe |
| acyl | acyl | Ci | CI | SEt |
| acyl | acyl | Cl | Cl | S-cyclopropyl |
| acyl | acyl | Cl | Cl | F |
| acyl | acyl | Cl | CI | Cl |
| acyl | acyl | Ci | Cl | Br |
| acyl | acyl | Cl | Cl | I |
| acyl | amino acid | Cl | Cl | H |
| acyl | amino acid | Cl | Ci | NH ₂ |
| acyl | amino acid | Cl | Cl | NH-cyclopropyl |
| acyl | amino acid | Cl | Cl | NH-methyl |
| acyl | amino acid | Cl | Ci | NH-ethyl |
| acyl | amino acid | C1 | Cl | NH-acetyl |
| acyl | amino acid | Cl | Cl | ОН |
| acyl | amino acid | Cl | Cl | OMe |
| acyl | amino acid | Cl | Cl | OEt |
| acyl | amino acid | Cl | Cl | O-cyclopropyl |
| acyl | amino acid | Cl | Cl | O-acetyl |
| acyl | amino acid | Cl | Cl | SH |
| acyl | amino acid | C1 | Cl | SMe |
| acyl | amino acid | Cl | Cl | SEt |
| acyl | amino acid | Cl | Cl | S-cyclopropyl |
| acyl | amino acid | Cl | Cl | F |
| acyl | amino acid | Cl | Cl | Cl |
| acyl | amino acid | Cl | Cl | Br |
| acyl | amino acid | Cl | Cl | Ī |
| H | acyl | Cl | Cl | Н |
| H | acyl | Cl | Ci | NH ₂ |
| H | acyl | Cl | Ci | NH-cyclopropyl |
| H | acyl | Cl | Cl | NH-methyl |
| H | acyl | Cl | Ci | NH-ethyl |
| H | acyl | Cl | Cl | NH-acetyl |
| L** | | | | |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| Н | acyl | Cl | Cl | OH |
| Н | acyl | Cl | Cl | OMe |
| Н | acyl | Cl | Cl | OEt |
| H | acyl | Cl | Cl | O-cyclopropyl |
| Н | acyl | Cl | Cl | O-acetyl |
| H | acyl | Cl | Cl | SH |
| H | acyl | Cl | Cl | SMe |
| H | acyl | Cl | CI | SEt |
| H | acyl | Cl | CI | S-cyclopropyl |
| H | acyl | Cl | Cl | F |
| Н | acyl | Cl | Cl | Cl |
| H | acyl | Cl | Cl | Br |
| H | acyl | Cl | Cl | I |
| H | amino acid | Cl | Cl | H |
| H | amino acid | Cl | Cl | NH ₂ |
| H | amino acid | Cl | Cl | NH-cyclopropyl |
| H | amino acid | Cl | Cl | NH-methyl |
| H | amino acid | CI | Cl | NH-ethyl |
| H | amino acid | Cl | Cl | NH-acetyl |
| H | amino acid | CI | Cl | OH OH |
| H | amino acid | Cl | Cl | OMe |
| H | amino acid | Cl | Cl | OEt |
| H | amino acid | Cl | Cl | O-cyclopropyl |
| H | amino acid | Cl | Ci | O-acetyl |
| H | amino acid | Cl | Cl | SH |
| H | amino acid | Ci | Cl | SMe |
| H | amino acid | Cl | Cl | SEt |
| H | amino acid | Cl | Cl | S-cyclopropyl |
| H | amino acid | Cl | Cl | F |
| H | amino acid | Cl | Cl | Cl |
| H | amino acid | Cl | Cl | Br |
| H | amino acid | Cl | Cl | I |
| amino acid | amino acid | Cl | Cl | H |
| amino acid | amino acid | Cl | Cl | NH ₂ |
| amino acid | amino acid | Ci | Cl | NH-cyclopropyl |
| amino acid | amino acid | Cl | Cl | NH-methyl |
| amino acid | amino acid | Cl | Ci | NH-ethyl |
| amino acid | amino acid | Cl | Cl | NH-acetyl |
| amino acid | amino acid | Cl | Cl | OH |
| | amino acid | Cl | Cl | OMe |
| amino acid | | Cl | Cl | OEt |
| amino acid | amino acid | | Cl | - |
| amino acid | amino acid | Cl | | O-cyclopropyl |
| amino acid | amino acid | Cl | Cl | O-acetyl |
| amino acid | amino acid | Cl | Cl | SH |
| amino acid | amino acid | Cl | Cl | SMe |
| amino acid | amino acid | Cl | Cl | SEt |
| amino acid | amino acid | Cl | C1 | S-cyclopropyl |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| amino acid | amino acid | Cl | Cl | F |
| amino acid | amino acid | Cl | Cl | Cl |
| amino acid | amino acid | Cl | Cl | Br |
| amino acid | amino acid | Cl | Cl | I |
| amino acid | Н | Cl | Cl | H |
| amino acid | Н | Cl | Cl | NH ₂ |
| amino acid | Н | Cl | Cl | NH-cyclopropyl |
| amino acid | Н | Cl | Cl | NH-methyl |
| amino acid | Н | Cl | Cl | NH-ethyl |
| amino acid | Н | Cl | Cl | NH-acetyl |
| amino acid | Н | Cl | Cl | ОН |
| amino acid | Н | C1 | Cl | OMe |
| amino acid | Н | Cl | Cl | OEt |
| amino acid | Н | Cl | Cl | O-cyclopropyl |
| amino acid | Н | Cl | Cl | O-acetyl |
| amino acid | Н | Cl | Cl | SH |
| amino acid | H | Cl | C1 | SMe |
| amino acid | Н | C1 | Cl | SEt |
| amino acid | Н | C1 | Cl | S-cyclopropyl |
| amino acid | H | Cl | Cl | F |
| amino acid | Н | Cl | Cl | Cl |
| amino acid | Н | Cl | Cl | Br |
| amino acid | H | Cl | Cl | I |
| amino acid | acyl | Cl | Cl | H |
| amino acid | acyl | Cl | Cl | NH ₂ |
| amino acid | acyl | Cl | Cl | NH-cyclopropyl |
| amino acid | acyl | Cl | Cl | NH-methyl |
| amino acid | acyl | Cl | Cl | NH-ethyl |
| amino acid | acyl | Cl | Cl | NH-acetyl |
| amino acid | acyl | C1 | C1 | OH |
| amino acid | acyl | Cl | Cl | ОМе |
| amino acid | acyl | C1 | Cl | OEt |
| amino acid | acyl | Cl | Cl | O-cyclopropyl |
| amino acid | acyl | Cl | Cl | O-acetyl |
| amino acid | acyl | Cl | Cl | SH |
| amino acid | acyl | Cl | Cl | SMe |
| amino acid | acyl | Cl | Cl | SEt |
| amino acid | acyl | Cl | Cl | S-cyclopropyl |
| amino acid | acyl | Cl | Cl | F |
| amino acid | acyl | Cl | Cl | Cl |
| amino acid | acyl | Cl | Cl | Br |
| amino acid | acyl | Cl | Cl | I |
| acyl | H | ОН | OH | H |
| acyl | H | OH | OH | NH ₂ |
| acyl | H | OH | OH | NH-cyclopropyl |
| acyl | H | OH | OH | NH-methyl |
| acyl | Н | OH | OH | NH-ethyl |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| acyl | Н | OH | OH | NH-acetyl |
| acyl | Н | OH | OH | OH |
| acyl | Н | OH | OH | OMe |
| acyl | Н | OH | OH | OEt |
| acyl | Н | OH | OH | O-cyclopropyl |
| acyl | H | OH | OH | O-acetyl |
| acyl | H | ОН | OH | SH |
| acyl | H | ОН | ОН | SMe |
| acyl | н | OH | OH | SEt |
| acyl | H | OH | OH | S-cyclopropyl . |
| acyl | H | OH | OH | F |
| acyl | Н | OH | OH | Cl |
| acyl | Н | ОН | OH | Br |
| acyl | Н | OH | OH | I |
| acyl | acyl | OH | OH | Н |
| acyl | acyl | OH | OH | NH ₂ |
| acyl | acyl | OH | OH | NH-cyclopropyl |
| acyl | acyl | ОН | OH | NH-methyl |
| acyl | acyl | OH | OH | NH-ethyl |
| acyl | acyl | ОН | OH | NH-acetyl |
| acyl | acyl | OH | OH | ОН |
| acyl | acyl | OH | OH | OMe |
| acyl | acyl | OH | OH | OEt |
| acyl | acyl | ОН | OH | O-cyclopropyl |
| acyl | acyl | OH | OH | O-acetyl |
| acyl | acyl | OH | OH | SH |
| acyl | acyl | OH | OH | SMe |
| acyl | acyl | OH | OH | SEt |
| acyl | acyl | OH | ОН | S-cyclopropyl |
| acyl | acyl | OH | OH | F |
| acyl | acyl | OH | OH | Cl |
| acyl | acyl | OH | OH | Br |
| acyl | acyl | OH | OH | I |
| acyl | amino acid | OH | OH | H |
| acyl | amino acid | OH | OH | NH ₂ |
| acyl | amino acid | OH | OH | NH-cyclopropyl |
| acyl | amino acid | OH | OH | NH-methyl |
| acyl | amino acid | OH | OH | NH-ethyl |
| acyl | amino acid | OH | OH | NH-acetyl |
| acyl | amino acid | OH | OH | OH |
| acyl | amino acid | OH | OH | OMe |
| acyl | amino acid | OH | ОН | OEt |
| acyl | amino acid | OH | OH | O-cyclopropyl |
| acyl | amino acid | OH | OH | O-acetyl |
| acyl | amino acid | OH | OH | SH |
| acyl | amino acid | OH | OH | SMe |
| acyl | amino acid | OH | OH | SEt |

| R ² | \mathbb{R}^3 | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| acyl | amino acid | OH | OH | S-cyclopropyl |
| acyl | amino acid | OH | OH | F |
| acyl | amino acid | OH | OH | Cl |
| acyl | amino acid | OH | OH | Br |
| acyl | amino acid | OH | ОН | I |
| Н | acyl | OH | ОН | H |
| Н | acyl | OH | ОН | NH ₂ |
| Н | acyl | OH | OH | NH-cyclopropyl |
| Н | acyl | OH | OH | NH-methyl |
| Н | acyl | OH | OH | NH-ethyl |
| H | acyl | OH | OH | NH-acetyl |
| H | acyl | OH | OH | ОН |
| H | acyl | OH | OH | OMe |
| Н | acyl | OH | OH | OEt |
| Н | acyl | OH | OH | O-cyclopropyl |
| Н | acyl | OH | OH | O-acetyl |
| Н | acyl | OH | OH | SH |
| Н | acyl | ОН | OH | SMe |
| H | acyl | OH | OH | SEt |
| H | acyl | OH | OH | S-cyclopropyl |
| H | acyl | OH | OH | F |
| Н | acyl | OH | OH | Cl |
| H | acyl | OH | OH | Br |
| Н | acyl | OH | OH | I |
| Н | amino acid | OH | OH | H |
| Н | amino acid | OH | OH | NH ₂ |
| Н | amino acid | OH | OH | NH-cyclopropyl |
| Н | amino acid | OH | OH | NH-methyl |
| Н | amino acid | OH | OH | NH-ethyl |
| Н | amino acid | OH_ | OH | NH-acetyl |
| H | amino acid | OH | OH | ОН |
| H | amino acid | OH | OH | OMe |
| H | amino acid | OH | OH | OEt |
| H | amino acid | OH | OH | O-cyclopropyl |
| H | amino acid | OH | OH | O-acetyl |
| H | amino acid | OH | OH | SH |
| H | amino acid | OH | OH | SMe |
| H | amino acid | OH | OH | SEt |
| H | amino acid | OH | OH | S-cyclopropyl |
| H | amino acid | OH | OH | F |
| H | amino acid | OH | OH | Cl |
| H | amino acid | OH | OH | Br |
| H | amino acid | OH | OH | I |
| amino acid | amino acid | OH | OH | H |
| amino acid | amino acid | OH | OH | NH ₂ |
| amino acid | amino acid | OH | OH | NH-cyclopropyl |
| amino acid | amino acid | OH | OH | NH-methyl |

| \mathbb{R}^2 | R ³ | $\mathbf{X}^{\mathbf{l}}$ | X ² | Y |
|----------------|----------------|---------------------------|----------------|-----------------|
| amino acid | amino acid | OH | OH | NH-ethyl |
| amino acid | amino acid | ОН | OH | NH-acetyl |
| amino acid | amino acid | OH | OH | OH |
| amino acid | amino acid | OH | ОН | OMe |
| amino acid | amino acid | OH | OH | OEt |
| amino acid | amino acid | OH | ОН | O-cyclopropyl |
| amino acid | amino acid | ОН | ОН | O-acetyl |
| amino acid | amino acid | OH | OH | SH |
| amino acid | amino acid | OH | OH | SMe |
| amino acid | amino acid | OH | OH | SEt |
| amino acid | amino acid | OH | OH | S-cyclopropyl |
| amino acid | amino acid | ОН | OH | F |
| amino acid | amino acid | OH | ОН | Cl |
| amino acid | amino acid | ОН | OH | Br |
| amino acid | amino acid | OH | OH | I |
| amino acid | Н | ОН | OH | Н |
| amino acid | H | OH | OH | NH ₂ |
| amino acid | H | OH | OH | NH-cyclopropyl |
| amino acid | Н | OH | OH | NH-methyl |
| amino acid | H | OH | OH | NH-ethyl |
| amino acid | H | ОН | OH | NH-acetyl |
| amino acid | H | OH | OH | OH |
| amino acid | Н | ОН | OH | OMe |
| amino acid | Н | OH | ОН | OEt |
| amino acid | H | OH | OH | O-cyclopropyl |
| amino acid | H | OH | OH | O-acetyl |
| amino acid | H | OH | OH | SH |
| amino acid | H | OH | OH | SMe |
| amino acid | H | OH | OH | SEt |
| amino acid | H | ОН | ОН | S-cyclopropyl |
| amino acid | H | ОН | OH | F |
| amino acid | H | OH | OH | Cl |
| amino acid | H | OH | OH | Br |
| amino acid | H | OH | OH | I |
| amino acid | acyl | OH | OH | Н |
| amino acid | acyl | OH | OH | NH ₂ |
| amino acid | acyl | OH | OH | NH-cyclopropyl |
| amino acid | acyl | OH | OH | NH-methyl |
| amino acid | acyl | OH | OH | NH-ethyl |
| amino acid | acyl | ОН | OH | NH-acetyl |
| amino acid | acyl | OH | OH | ОН |
| amino acid | acyl | OH | OH | OMe |
| amino acid | acyl | OH | OH | OEt |
| amino acid | acyl | OH | OH | O-cyclopropyl |
| amino acid | acyl | OH | OH | O-acetyl |
| amino acid | acyl | ОН | OH | SH |
| amino acid | acyl | OH | OH | SMe |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| amino acid | acyl | OH | OH | SEt |
| amino acid | acyl | OH | OH | S-cyclopropyl |
| amino acid | acyl | OH | OH | F |
| amino acid | acyl | OH | OH | Cl |
| amino acid | acyl | OH | OH | Br |
| amino acid | acyl | OH | OH | ī |
| acyl | Н | SH | SH | Н |
| acyl | H | SH | SH | NH ₂ |
| acyl | H | SH | SH | NH-cyclopropyl |
| acyl | H | SH | SH | NH-methyl |
| acyl | H | SH | SH | NH-ethyl |
| acyl | H | SH | SH | NH-acetyl |
| acyl | H | SH | SH | OH |
| acyl | H | SH | SH | OMe |
| acyl | H | SH | SH | OEt |
| acyl | H | SH | SH | O-cyclopropyl |
| acyl | H | SH | SH | O-acetyl |
| acyl | H | SH | SH | SH |
| acyl | H | SH | SH | SMe |
| acyl | H | SH | SH | SEt |
| acyl | H | SH | SH | S-cyclopropyl |
| acyl | H | SH | SH | F |
| acyl | H | SH | SH | Cl |
| acyl | H | SH | SH | Br |
| acyl | $\frac{11}{H}$ | SH | SH | I |
| acyl | acyl | SH | SH | H |
| | acyl | SH | SH | NH ₂ |
| acyl | acyl | SH | SH | NH-cyclopropyl |
| acyl acyl | acyl | SH | SH | NH-methyl |
| | acyl | SH | SH | NH-ethyl |
| acyl | acyl | SH | SH | NH-acetyl |
| acyl acyl | acyl | SH | SH | OH |
| | | SH | SH | OMe |
| acyl | acyl | SH | SH | OEt |
| acyl | acyl | SH | SH | O-cyclopropyl |
| acyl | acyl | SH | SH | O-acetyl |
| acyl | acyl acyl | SH | SH | SH |
| acyl | | SH | SH | SMe |
| acyl | acyl | SH | SH | SEt |
| acyl | acyl | | | |
| acyl | acyl | SH | SH | S-cyclopropyl F |
| acyl | acyl | SH | SH | |
| acyl | acyl | SH | SH | Cl |
| acyl | acyl | SH | SH | Br |
| acyl | acyl | SH | SH | I |
| acyl | amino acid | SH | SH | H |
| acyl | amino acid | SH | SH | NH ₂ |
| acyl | amino acid | SH | SH | NH-cyclopropyl |

| R ² | \mathbb{R}^3 | $\mathbf{X}^{\mathbf{I}}$ | X ² | Y |
|----------------|----------------|---------------------------|----------------|-----------------|
| acyl | amino acid | SH | SH | NH-methyl |
| acyl | amino acid | SH | SH | NH-ethyl |
| acyl | amino acid | SH | SH | NH-acetyl |
| acyl | amino acid | SH | SH | OH |
| acyl | amino acid | SH | SH | OMe |
| acyl | amino acid | SH | SH | OEt |
| acyl | amino acid | SH | SH | O-cyclopropyl |
| acyl | amino acid | SH | SH | O-acetyl |
| acyl | amino acid | SH | SH | SH |
| acyl | amino acid | SH | SH | SMe |
| acyl | amino acid | SH | SH | SEt |
| acyl | amino acid | SH | SH | S-cyclopropyl |
| acyl | amino acid | SH | SH | F |
| acyl | amino acid | SH | SH | Cl |
| acyl | amino acid | SH | SH | Br |
| acyl | amino acid | SH | SH | I . |
| H | acyl | SH | SH | Н |
| H | acyl | SH | SH | NH ₂ |
| H | acyl | SH | SH | NH-cyclopropyl |
| H | acyl | SH | SH | NH-methyl |
| H | acyl | SH | SH | NH-ethyl |
| H | acyl | SH | SH | NH-acetyl |
| H | acyl | SH | SH | OH |
| H | acyl | SH | SH | OMe |
| H | acyl | SH | SH | OEt |
| Н | acyl | SH | SH | O-cyclopropyl |
| H | acyl | SH | SH | O-acetyl |
| H | acyl | SH | SH | SH |
| Н | acyl | SH | SH | SMe |
| H | acyl | SH | SH | SEt |
| Н | acyl | SH | SH | S-cyclopropyl |
| Н | acyl | SH | SH | F |
| Н | acyl | SH | SH | Cl |
| Н | acyl | SH | SH | Br |
| H | acyl | SH | SH | I |
| H | amino acid | SH | SH | H |
| Н | amino acid | SH . | SH | NH ₂ |
| H | amino acid | SH | SH | NH-cyclopropyl |
| H | amino acid | SH | SH | NH-methyl |
| H | amino acid | SH | SH | NH-ethyl |
| H | amino acid | SH | SH | NH-acetyl |
| Н | amino acid | SH | SH | ОН |
| H | amino acid | SH | SH | OMe |
| Н | amino acid | SH | SH | OEt |
| Н | amino acid | SH | SH | O-cyclopropyl |
| H | amino acid | SH | SH | O-acetyl |
| Н | amino acid | SH | SH | SH |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|-----|----------------|-----------------|
| Н | amino acid | SH | SH | SMe |
| Н | amino acid | SH | SH | SEt |
| H | amino acid | SH | SH | S-cyclopropyl |
| Н | amino acid | SH | SH | F |
| H | amino acid | SH | SH | Cl |
| H | amino acid | SH | SH | Br |
| H | amino acid | SH | SH | I |
| amino acid | amino acid | SH | SH | H |
| amino acid | amino acid | SH | SH | NH ₂ |
| amino acid | amino acid | SH | SH | NH-cyclopropyl |
| amino acid | amino acid | SH | SH | NH-methyl |
| amino acid | amino acid | SH | SH | NH-ethyl |
| amino acid | amino acid | SH | SH | NH-acetyl |
| amino acid | amino acid | SH | SH | OH |
| amino acid | amino acid | SH | SH | OMe |
| amino acid | amino acid | SH | SH | OEt |
| amino acid | amino acid | SH | SH | O-cyclopropyl |
| amino acid | amino acid | SH | SH | O-acetyl |
| amino acid | amino acid | SH | SH | SH |
| amino acid | amino acid | SH | SH | SMe |
| amino acid | amino acid | SH | SH | SEt |
| amino acid | amino acid | SH | SH | S-cyclopropyl |
| amino acid | amino acid | SH | SH | F |
| amino acid | amino acid | SH | SH | Cl |
| amino acid | amino acid | SH | SH | Br |
| amino acid | amino acid | SH | SH | I |
| amino acid | H | SH | SH | H |
| amino acid | H | SH | SH | NH ₂ |
| amino acid | H | SH | SH | NH-cyclopropyl |
| amino acid | H | SH | SH | NH-methyl |
| amino acid | H | SH | SH | NH-ethyl |
| amino acid | H | SH | SH | NH-acetyl |
| amino acid | H | SH | SH | ОН |
| amino acid | H | SH | SH | OMe |
| amino acid | H | SH | SH | OEt |
| amino acid | H | SH | SH | O-cyclopropyl |
| amino acid | H | SH | SH | O-acetyl |
| amino acid | H | SH | SH | SH |
| amino acid | H | SH | SH | SMe |
| amino acid | H | SH | SH | SEt |
| amino acid | H | SH | SH | S-cyclopropyl |
| amino acid | H | SH | SH | F |
| amino acid | H | SH | SH | Cl |
| amino acid | H | SH | SH | Br |
| amino acid | H | SH | SH | I |
| amino acid | acyl | SH | SH | H |
| amino acid | acyl | SH | SH | NH ₂ |
| annio aciu | 1 acy1 | 711 | 1 211 | 1111/ |

| \mathbb{R}^2 | R ³ | X | X ² | Y |
|----------------|----------------|----|----------------|----------------|
| amino acid | acyl | SH | SH | NH-cyclopropyl |
| amino acid | acyl | SH | SH | NH-methyl |
| amino acid | acyl | SH | SH | NH-ethyl |
| amino acid | acyl | SH | SH | NH-acetyl |
| amino acid | acyl | SH | SH | ОН |
| amino acid | acyl | SH | SH | OMe |
| amino acid | acyl | SH | SH | OEt |
| amino acid | acyl | SH | SH | O-cyclopropyl |
| amino acid | acyl | SH | SH | O-acetyl |
| amino acid | acyl | SH | SH | SH |
| amino acid | acyl | SH | SH | SMe |
| amino acid | acyl | SH | SH | SEt |
| amino acid | acyl | SH | SH | S-cyclopropyl |
| amino acid | acyl | SH | SH | F |
| amino acid | acyl | SH | SH | Cl |
| amino acid | acyl | SH | SH | Br |
| amino acid | acyl | SH | SH | Ι |

Table 14

| R² R³ X¹ Y acyl H H H acyl H H NH-cyclopropy acyl H H NH-methyl acyl H H NH-ethyl acyl H H NH-acetyl acyl H H OH acyl H H OH acyl H H OMe | |
|---|-------|
| acylHHNH2acylHHNH-cyclopropyacylHHNH-methylacylHHNH-ethylacylHHNH-acetylacylHHOH | l |
| acyl H H NH-cyclopropy acyl H H NH-methyl acyl H H NH-ethyl acyl H H NH-acetyl acyl H H OH | l |
| acyl H H NH-methyl acyl H H NH-ethyl acyl H H NH-acetyl acyl H H OH | |
| acyl H H NH-ethyl acyl H H NH-acetyl acyl H H OH | |
| acyl H H NH-acetyl acyl H OH | |
| acyl H H OH | |
| | |
| acyl H H OMe | ᅥ |
| acyl H H OEt | |
| acyl H H O-cyclopropyl | |
| acyl H H O-acetyl | ᅥ |
| acyl H H SH | _ |
| acyl H H SMe | |
| acyl H H SEt | |
| acyl H H S-cyclopropyl | - |
| acyl H H F | |
| | - |
| acyl H H Cl acyl H H Br | _ |
| | |
| | |
| | _ |
| | _ |
| <u> </u> | _ |
| | _ |
| | |
| acyl H NH-acetyl | |
| acyl H OH | _ |
| acyl H OMe | _ |
| acyl H OEt | |
| acyl acyl H O-cyclopropyl | _ |
| acyl Acyl H O-acetyl | _ |
| acyl Acyl H SH | |
| acyl Acyl H SMe | _ |
| acyl acyl H SEt | |
| acyl acyl H S-cyclopropyl | |
| acyl H F | |
| acyl Acyl H Cl | |
| acyl H Br | |
| acyl | |
| acyl amino acid H H | |
| acyl amino acid H NH ₂ | |
| acyl amino acid H NH-cyclopropy | l |
| acyl amino acid H NH-methyl | |
| acyl amino acid H NH-ethyl | |
| acyl amino acid H NH-acetyl | |
| acyl amino acid H OH | |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----|-----------------|
| acyl | amino acid | Н | OMe |
| acyl | amino acid | H | OEt |
| acyl | amino acid | H | O-cyclopropyl |
| acyl | amino acid | H | O-acetyl |
| acyl | amino acid | H | SH |
| acyl | amino acid | H | SMe |
| acyl | amino acid | H | SEt |
| acyl | amino acid | H_ | S-cyclopropyl |
| acyl | amino acid | H | F |
| acyl | amino acid | Н | Cl |
| acyl | amino acid | H | Br |
| acyl | amino acid | Н | I |
| H | acyl | H | Н |
| Н | acyl | Н | NH ₂ |
| Н | acyl | Н | NH-cyclopropyl |
| Н | acyl | Н | NH-methyl |
| Н | acyl | H | NH-ethyl |
| H | acyl | H | NH-acetyl |
| Н | acyl | H | OH_ |
| Н | acyl | H | OMe |
| H | acyl | H | OEt |
| H | acyl | H | O-cyclopropyl |
| Н | acyl | H | O-acetyl |
| Н | acyl | Н | SH |
| H | acyl | H | SMe |
| Н | acyl | H | SEt |
| Н | acyl | H | S-cyclopropyl |
| Н | acyl | H | F |
| Н | acyl | H | Cl |
| H | acyl | H | Br |
| Н | acyl | H | I |
| H | amino acid | H | H |
| Н | amino acid | Н | NH ₂ |
| H | amino acid | H | NH-cyclopropyl |
| H | amino acid | H | NH-methyl |
| Н . | amino acid | H | NH-ethyl |
| H | amino acid | H | NH-acetyl |
| H | amino acid | H | OH |
| H | amino acid | H | OMe |
| H | amino acid | H | OEt |
| Н . | amino acid | H | O-cyclopropyl |
| H | amino acid | H | O-acetyl |
| H | amino acid | H | SH |
| H | amino acid | H | SMe |
| H | amino acid | H | SEt |
| Н | amino acid | H | S-cyclopropyl |
| H | amino acid | H | F |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| H | amino acid | H | Cl |
| Н | amino acid | H | Br |
| Н | amino acid | Н | I |
| amino acid | amino acid | H | Н |
| amino acid | amino acid | Н | NH ₂ |
| amino acid | amino acid | H | NH-cyclopropyl |
| amino acid | amino acid | H | NH-methyl |
| amino acid | amino acid | Н | NH-ethyl |
| amino acid | amino acid | Н | NH-acetyl |
| amino acid | amino acid | H | OH |
| amino acid | amino acid | Н | OMe |
| amino acid | amino acid | H | OEt |
| amino acid | amino acid | H | O-cyclopropyl |
| amino acid | amino acid | Н | O-acetyl |
| amino acid | amino acid | Н | SH |
| amino acid | amino acid | H | SMe |
| amino acid | amino acid | H | SEt |
| amino acid | amino acid | Н | S-cyclopropyl |
| amino acid | amino acid | Н | F |
| amino acid | amino acid | H | Cl |
| amino acid | amino acid | H | Br |
| amino acid | amino acid | H | I |
| amino acid | H | H | Н |
| amino acid | H | H | NH ₂ |
| amino acid | Н | H | NH-cyclopropyl |
| amino acid | H | H | NH-methyl |
| amino acid | Н | H | NH-ethyl |
| amino acid | Н | H | NH-acetyl |
| amino acid | H | H | ОН |
| amino acid | H | H | OMe |
| amino acid | H | Н | OEt |
| amino acid | H | H | O-cyclopropyl |
| amino acid | H | Н | O-acetyl |
| amino acid | Н | H | SH |
| amino acid | Н | H | SMe |
| amino acid | Н | Н | SEt |
| amino acid | Н | H | S-cyclopropyl |
| amino acid | Н | Н | F |
| amino acid | Н | H | Cl |
| amino acid | H | Н | Br |
| amino acid | Н | Н | I |
| amino acid | acyl | H | H |
| amino acid | acyl | Н | NH ₂ |
| amino acid | acyl | H | NH-cyclopropyl |
| amino acid | acyl | Н | NH-methyl |
| amino acid | acyl | Н | NH-ethyl |
| amino acid | acyl | H | NH-acetyl |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| amino acid | acyl | Н | OH |
| amino acid | acyl | Н | OMe |
| amino acid | acyl | H | OEt |
| amino acid | acyl | Н | O-cyclopropyl |
| amino acid | acyl | Н | O-acetyl |
| amino acid | acyl | H | SH |
| amino acid | acyl | H | SMe |
| amino acid | acyl | Н | SEt |
| amino acid | acyl | H | S-cyclopropyl |
| amino acid | acyl | H | F |
| amino acid | acyl | H | Cl |
| amino acid | acyl | Н | Br |
| amino acid | acyl | Н | I |
| acyl | H | SH | H |
| acyl | Н | SH | NH ₂ |
| acyl | Н | SH | NH-cyclopropyl |
| acyl | Н | SH | NH-methyl |
| acyl | Н | SH | NH-ethyl |
| acyl | H | SH | NH-acetyl |
| acyl | Н | SH | OH |
| acyl | Н | SH | OMe |
| acyl | Н | SH | OEt |
| acyl | H | SH | O-cyclopropyl |
| acyl | Η | SH | O-acetyl |
| acyl | Н | SH | SH |
| acyl | Н | SH | SMe |
| acyl | H | SH | SEt |
| acyl | H | SH | S-cyclopropyl |
| acyl | Н | SH | F |
| acyl | Н | SH | Cl |
| acyl | Н | SH | Br |
| acyl | Н | SH | I |
| acyl | acyl | SH | Н |
| acyl | acyl | SH | NH ₂ |
| acyl | acyl | SH | NH-cyclopropyl |
| acyl | acyl | SH | NH-methyl |
| acyl | acyl | SH | NH-ethyl |
| acyl | acyl | SH | NH-acetyl |
| acyl | acyl | SH | OH |
| acyl | acyl | SH | OMe |
| acyl | acyl | SH | OEt |
| acyl | acyl | SH | O-cyclopropyl |
| acyl | acyl | SH | O-acetyl |
| acyl | acyl | SH | SH |
| acyl | acyl | SH | SMe |
| acyl | acyl | SH | SEt |
| acyl | acyl | SH | S-cyclopropyl |

| R ² | R ³ | X | Y |
|----------------|----------------|----|-----------------|
| acyl | acyl | SH | F |
| acyl | acyl | SH | CI |
| acyl | acyl | SH | Br |
| acyl | acyl | SH | I |
| acyl | amino acid | SH | H |
| acyl | amino acid | SH | NH ₂ |
| acyl | amino acid | SH | NH-cyclopropyl |
| acyl | amino acid | SH | NH-methyl |
| acyl | amino acid | SH | NH-ethyl |
| acyl | amino acid | SH | |
| | | SH | NH-acetyl OH |
| acyl | amino acid | | |
| acyl | amino acid | SH | OMe |
| acyl | amino acid | SH | OEt |
| acyl | amino acid | SH | O-cyclopropyl |
| acyl | amino acid | SH | O-acetyl |
| acyl | amino acid | SH | SH |
| acyl | amino acid | SH | SMe |
| acyl | amino acid | SH | SEt |
| acyl | amino acid | SH | S-cyclopropyl |
| acyl | amino acid | SH | F |
| acyl | amino acid | SH | Cl |
| acyl | amino acid | SH | Br |
| acyl | amino acid | SH | I |
| H | acyl | SH | H |
| H | acyl | SH | NH ₂ |
| Н | acyl | SH | NH-cyclopropyl |
| H | acyl | SH | NH-methyl |
| H | acyl | SH | NH-ethyl |
| Н | acyl | SH | NH-acetyl |
| Н | acyl | SH | OH |
| Н | acyl | SH | OMe |
| Н | acyl | SH | OEt |
| Н | acyl | SH | O-cyclopropyl |
| Н | acyl | SH | O-acetyl |
| Н | acyl | SH | SH |
| H ` | acyl | SH | SMe |
| Н | acyl | SH | SEt |
| Н | acyl | SH | S-cyclopropyl |
| Н | acyl | SH | F |
| Н | acyl | SH | Cl |
| Н | acyl | SH | Br |
| H | acyl | SH | 1 |
| H | amino acid | SH | H |
| H | amino acid | SH | NH ₂ |
| H | amino acid | SH | NH-cyclopropyl |
| H | amino acid | SH | |
| H | amino acid | | NH-methyl |
| 11 | amino acid | SH | NH-ethyl |

| H amino acid SH OH | R ² | R ³ | X ¹ | Y |
|--|----------------|--|----------------|--|
| H amino acid SH OMe H amino acid SH OEt H amino acid SH O-cyclopropyl H amino acid SH O-acetyl H amino acid SH SH H amino acid SH SEt H amino acid SH F H amino acid SH F H amino acid SH Br H amino acid SH Br H amino acid SH Br H amino acid SH I amino acid SH H Amino acid SH NH-cyclopropyl Amino acid amino acid SH NH-ethyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH OMe Amino acid amino acid SH O-cyclopropyl Amino acid amino acid SH OMe Amino acid amino acid SH O-acetyl Amino acid amino acid SH SH Amino acid Amino acid SH SEt Amino acid Amino acid SH SE Amino acid Amino acid SH SE Amino acid Amino acid SH SH Amino acid H SH SH O-cyclopropyl Amino acid H SH SH O-cyclopr | | | + | |
| H amino acid SH OEt H amino acid SH OEt H amino acid SH O-cyclopropyl H amino acid SH SH O-acetyl H amino acid SH SH H amino acid SH SH H amino acid SH SMe H amino acid SH SEt H amino acid SH SEt H amino acid SH SEt H amino acid SH F H amino acid SH F H amino acid SH Br H amino acid SH I Amino acid SH NH-cyclopropyl Amino acid amino acid SH NH-ethyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH OEt Amino acid amino acid SH OPE Amino acid amino acid SH OPE Amino acid amino acid SH OPE Amino acid amino acid SH SH Amino acid Amino acid SH OPE Amino acid Amino acid SH SH Amino acid H SH SH SH Amino acid H SH SH OP-cyclopropyl Amino acid H SH SH OP-cyclopropyl Amino acid H SH SH OP-cyclopropyl Amino acid H SH SH OP-cyclopropyl | | | + | |
| H amino acid SH O-cyclopropyl H amino acid SH SH SH Amino acid SH SEt Amino acid SH SH SH Amino acid SH SEt Amino acid SH SH SH SH Amino acid SH SEt SH SH Amino acid SH SET SH SH Amino acid SH | | | | |
| H amino acid SH O-cyclopropyl H amino acid SH SH SH SH Amino acid SH SEt Amino acid SH SEt SH | | | + | |
| H amino acid SH SH SH SH Amino acid SH Amino acid SH SEt SET Amino acid Amino acid SH SH SH SH Amino acid Amino acid SH SH SET | | | + | |
| H amino acid SH SMe H amino acid SH SEt Amino acid SH SEt H amino acid SH SEt H amino acid SH S-cyclopropyl H amino acid SH F H amino acid SH Br H amino acid SH Br H amino acid SH I Amino acid SH Br H amino acid SH NH-cyclopropyl Amino acid amino acid SH NH-ethyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH OMe Amino acid amino acid SH OMe Amino acid amino acid SH OMe Amino acid amino acid SH OOH Amino acid amino acid SH OOH Amino acid amino acid SH OEt Amino acid amino acid SH SH SH Amino acid amino acid SH SH SH Amino acid amino acid SH SH SH Amino acid amino acid SH SEt Amino acid amino acid SH SEt Amino acid amino acid SH SH SH Amino acid Amino acid SH SH SH Amino acid H SH SH NH-ethyl Amino acid H SH SH NH-ethyl Amino acid H SH SH NH-ethyl Amino acid H SH SH OMe Amino acid H SH SH OMe Amino acid H SH SH OMe Amino acid H SH SH O-cyclopropyl Amino acid H SH SH OMe Amino acid H SH SH O-cyclopropyl Amino acid H SH SH O-cyclopropyl Amino acid H SH SH O-cyclopropyl Amino acid H SH O-cyclopropyl | | | | |
| H amino acid SH SEt H amino acid SH SEt H amino acid SH S-cyclopropyl H amino acid SH F H amino acid SH F H amino acid SH Br H amino acid SH Br H amino acid SH Br H amino acid SH H amino acid SH I amino acid SH H amino acid SH NH- amino acid SH NH-cyclopropyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OOH amino acid amino acid SH OOEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH SH amino acid amino acid SH SEt amino acid amino acid SH SE amino acid amino acid SH SE amino acid amino acid SH SH amino acid H SH SH NH-ethyl amino acid H SH SH NH-ethyl amino acid H SH SH OH amino acid H SH SH OH amino acid H SH SH OOH amino acid H SH SH OOH amino acid H SH SH OO-cyclopropyl amino acid H SH SH OOH amino acid H SH SH OOH amino acid H SH SH OO-cyclopropyl amino acid H SH SH SH SH | | | | |
| H amino acid SH SEt H amino acid SH S-cyclopropyl H amino acid SH F H amino acid SH Cl H amino acid SH Br H amino acid SH Br H amino acid SH I Amino acid SH I Amino acid SH I Amino acid SH I Amino acid SH H Amino acid SH H Amino acid SH H Amino acid SH H Amino acid SH NH-cyclopropyl Amino acid amino acid SH NH-ethyl Amino acid amino acid SH NH-ethyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH OH Amino acid amino acid SH OMe Amino acid amino acid SH OMe Amino acid amino acid SH O-cyclopropyl Amino acid amino acid SH O-cyclopropyl Amino acid amino acid SH SH Amino acid amino acid SH SH Amino acid amino acid SH SH Amino acid amino acid SH SEt Amino acid amino acid SH SE Amino acid amino acid SH Br Amino acid Amino acid SH SH Amino acid H SH SH NH-cyclopropyl Amino acid H SH SH NH-ethyl Amino acid H SH SH NH-ethyl Amino acid H SH SH OMe Amino acid H SH SH O-cyclopropyl Amino acid H SH SH O-cyclopropyl | | | + | |
| H amino acid SH F H amino acid SH F H amino acid SH Cl H amino acid SH Br H amino acid SH Br H amino acid SH I amino acid SH I amino acid SH H Amino acid SH H Amino acid SH H Amino acid SH H Amino acid SH NH2 Amino acid SH NH-cyclopropyl Amino acid amino acid SH NH-methyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH NH-acetyl Amino acid amino acid SH OH Amino acid amino acid SH OH Amino acid amino acid SH OMe Amino acid amino acid SH OH Amino acid amino acid SH OEt Amino acid amino acid SH O-acetyl Amino acid amino acid SH SH Amino acid amino acid SH SH Amino acid amino acid SH SH Amino acid amino acid SH SEt Amino acid amino acid SH SEt Amino acid amino acid SH SEt Amino acid amino acid SH F Amino acid amino acid SH Cl Amino acid amino acid SH Br Amino acid amino acid SH Br Amino acid amino acid SH I Amino acid amino acid SH SH Amino acid H SH NH-ethyl Amino acid H SH NH-acetyl Amino acid H SH OH Amino acid H SH OF Amino acid SH Amino acid SH Br Amino acid Amino acid SH Amino acid Amin | | | + | |
| H amino acid SH F H amino acid SH Cl H amino acid SH Br H amino acid SH I amino acid SH I amino acid SH I amino acid SH H amino acid SH H amino acid SH NH2 amino acid SH NH2 amino acid SH NH-cyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SE amino acid amino acid SH SE amino acid amino acid SH SE amino acid amino acid SH SC-cyclopropyl amino acid amino acid SH SC-cyclopropyl amino acid amino acid SH SH amino acid H SH NH-ethyl amino acid H SH NH-ethyl amino acid H SH OH amino acid H SH OF amino acid H SH SH OF amino acid H SH SH SH | | | | |
| H amino acid SH CI H amino acid SH Br H amino acid SH I amino acid SH H amino acid SH H amino acid SH H amino acid SH H amino acid SH NH2 amino acid SH NH2 amino acid SH NH-eyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH O-acetyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SEt amino acid amino acid SH SH SH amino acid H SH SH NH2 amino acid H SH NH-ethyl amino acid H SH SH NH-ethyl amino acid H SH SH OH amino acid H SH SH OH amino acid H SH SH OH amino acid H SH OF amino acid H SH SH OF amino acid H SH SH OF amino acid H SH SH OH amino acid H SH SH OH amino acid H SH SH OF amino acid H SH SH OH | | | | |
| H amino acid SH Br H amino acid SH I amino acid amino acid SH H amino acid amino acid SH NH2 amino acid amino acid SH NH2 amino acid amino acid SH NH-eyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SEt amino acid amino acid SH SH amino acid H SH NH2 amino acid H SH NH-explopropyl amino acid H SH NH-ethyl amino acid H SH OH amino acid H SH SH OH | | | | 1 |
| H amino acid amino acid SH H amino acid amino acid amino acid SH NH2 amino acid amino acid SH NH-cyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH OH amino acid amino acid SH OMe amino acid amino acid SH OEt O-cyclopropyl amino acid amino acid SH O-cyclopropyl amino acid amino acid SH SH SH SME amino acid amino acid SH SH SH SET SME Amino acid amino acid SH SET | | | | |
| amino acid amino acid SH NH2 amino acid amino acid SH NH2 amino acid amino acid SH NH-cyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SEt amino acid amino acid SH F amino acid amino acid SH SH amino acid SH a | | | | |
| amino acid amino acid SH NH2 amino acid amino acid SH NH-cyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SEt amino acid amino acid SH SE amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SH amino acid AMA amino acid SH SH amino acid SH SH amino acid SH SH AMA AMA AMA AMA AMA AMA AMA AMA AMA AM | | | ! | |
| amino acid amino acid SH NH-cyclopropyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-methyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH OH amino acid amino acid SH OEt amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH SH O-acetyl amino acid amino acid SH SH SH SMe amino acid amino acid SH SEt amino acid SH SEt amino acid SH SET Amino acid amino acid SH SH SH Amino acid Amino acid SH | | | | |
| amino acid amino acid SH NH-methyl amino acid amino acid SH NH-ethyl amino acid amino acid SH NH-acetyl amino acid amino acid SH OH OH amino acid amino acid SH OEt amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH SH O-acetyl amino acid amino acid SH SH SMe amino acid amino acid SH SH SEt amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid SH SEt Amino acid Amino acid SH SET Amino acid Amino acid SH SET Amino acid Amino acid SH | | | | |
| amino acid amino acid SH NH-ethyl amino acid amino acid SH OH OH OEt amino acid amino acid SH OH OEt amino acid amino acid SH OEt amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH SH O-acetyl amino acid amino acid SH SH SH SEt amino acid amino acid SH SEt SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH S-cyclopropyl amino acid amino acid SH SE SEt amino acid amino acid SH SH SE SET SH | | | | |
| amino acid amino acid SH OH amino acid amino acid SH OH amino acid amino acid SH OMe amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SMe amino acid amino acid SH SEt amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Br amino acid amino acid SH Br amino acid AMI | | | + | |
| amino acid amino acid SH OMe amino acid amino acid SH OEt amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SMe amino acid amino acid SH SMe amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Br amino acid amino acid SH Br amino acid amino acid SH I amino acid AM SH I amino acid AM SH SH NH2 amino acid H SH SH NH-cyclopropyl amino acid H SH SH NH-ethyl amino acid H SH SH NH-ethyl amino acid H SH SH OH amino acid H SH SH O-cyclopropyl amino acid H SH SH SH SH amino acid H SH SH SH | | | } | |
| amino acid amino acid SH OEt amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH amino acid amino acid SH SH amino acid amino acid SH SMe amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Br amino acid amino acid SH I amino acid AM SH SH SH amino acid AM SH SH SH amino acid AM SH SH SH amino acid SH SH SH SH SH amino acid SH SH SH SH SH amino acid SH SH SH SH SH SH amino acid SH SH SH SH SH SH SH amino acid SH SH SH SH SH SH amino acid SH SH SH SH SH SH amino acid SH SH SH SH SH SH SH | | | | |
| amino acid amino acid SH O-cyclopropyl amino acid amino acid SH O-acetyl amino acid amino acid SH SH SH amino acid amino acid SH SSMe amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH S-cyclopropyl amino acid amino acid SH S-cyclopropyl amino acid amino acid SH Br Amino acid amino acid SH Br Amino acid Amino acid SH Br Amino acid Amino acid SH SH Amino acid Amino acid SH | | | | |
| amino acid amino acid SH O-cyclopropyl amino acid amino acid SH SH SH amino acid amino acid SH SSE amino acid amino acid SH SE amino acid amino acid SH SE amino acid amino acid SH SE amino acid amino acid SH S-cyclopropyl amino acid amino acid SH SF Cl amino acid amino acid SH SF Amino acid amino acid SH Br Amino acid amino acid SH Br Amino acid Amino acid SH I Amino acid Amino acid SH I Amino acid SH | | | | |
| amino acid amino acid SH SH SH amino acid amino acid sh SH SMe amino acid amino acid SH SEt amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F S-cyclopropyl amino acid amino acid SH SH SH S-cyclopropyl amino acid amino acid SH | | | | |
| amino acid amino acid SH SMe amino acid amino acid SH SMe amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Br amino acid amino acid SH Br amino acid AM BR amino acid AM SH H amino acid H SH H amino acid H SH NH-cyclopropyl amino acid H SH NH-cyclopropyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OMe amino acid H SH OMe amino acid H SH OMe amino acid H SH O-cyclopropyl amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH O-acetyl amino acid H SH SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH amino acid H SH SH SH | | | ļ | |
| amino acid amino acid SH SMe amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Cl amino acid amino acid SH Br amino acid amino acid SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OMe amino acid H SH OOEt amino acid H SH O-cyclopropyl amino acid H SH O-sectyl amino acid H SH SH O-sectyl amino acid H SH SH SH SH amino acid H SH SH SH | | | | |
| amino acid amino acid SH SEt amino acid amino acid SH S-cyclopropyl amino acid amino acid SH F amino acid amino acid SH Cl amino acid amino acid SH Br amino acid amino acid SH Br amino acid Amino acid SH I amino acid Amino acid SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OH amino acid H SH OOH amino acid H SH OOEt amino acid H SH O-cyclopropyl amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid amino acid SH F amino acid amino acid SH F amino acid amino acid SH Cl amino acid amino acid SH Br amino acid amino acid SH I amino acid AM SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-ethyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH O-cyclopropyl amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid amino acid SH F amino acid amino acid SH Cl amino acid amino acid SH Br amino acid amino acid SH I amino acid Amino acid SH I amino acid AM SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OSH O-cyclopropyl amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | * | | |
| amino acid amino acid SH Cl amino acid amino acid SH Br amino acid amino acid SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OSH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid amino acid SH Br amino acid amino acid SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OSH amino acid H SH OSH amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid amino acid SH I amino acid H SH H amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OH amino acid H SH OH amino acid H SH OSH amino acid H SH OSH amino acid H SH OSH amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid H SH NH2 amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OH amino acid H SH OH amino acid H SH OSH amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | <u> </u> | | |
| amino acid H SH NH2 amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid H SH NH-cyclopropyl amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid H SH NH-methyl amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | 1 | |
| amino acid H SH NH-ethyl amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | amino acid | | | |
| amino acid H SH NH-acetyl amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH SH amino acid H SH SH SH | | | | |
| amino acid H SH OH amino acid H SH OMe amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH amino acid H SH SH amino acid H SH SMe | amino acid | H | | |
| amino acidHSHOMeamino acidHSHOEtamino acidHSHO-cyclopropylamino acidHSHO-acetylamino acidHSHSHamino acidHSHSMe | amino acid | H | | |
| amino acid H SH OEt amino acid H SH O-cyclopropyl amino acid H SH O-acetyl amino acid H SH SH amino acid H SH SH amino acid H SH SMe | amino acid | H | SH | |
| amino acidHSHO-cyclopropylamino acidHSHO-acetylamino acidHSHSHamino acidHSHSMe | amino acid | Н | SH | OMe |
| amino acid H SH O-acetyl amino acid H SH SH amino acid H SH SMe | amino acid | H | SH | OEt |
| amino acidHSHO-acetylamino acidHSHSHamino acidHSHSMe | amino acid | Н | SH | O-cyclopropyl |
| amino acid H SH SH amino acid H SH SMe | amino acid | H | SH | |
| amino acid H SH SMe | | Н | SH | |
| | | Н | | SMe |
| | amino acid | | | SEt |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|-------------|-----------------|
| amino acid | Н | SH | S-cyclopropyl |
| amino acid | Н | SH | F |
| amino acid | Н | SH | Cl |
| amino acid | Н | SH | Br |
| amino acid | Н | SH | I |
| amino acid | acyl | SH | H |
| amino acid | acyl | SH | NH ₂ |
| amino acid | acyl | SH | NH-cyclopropyl |
| amino acid | acyl | SH | NH-methyl |
| amino acid | acyl | SH | NH-ethyl |
| amino acid | acyl | SH | NH-acetyl |
| amino acid | acyl | SH | OH OH |
| amino acid | acyl | SH | OMe |
| amino acid | acyl | SH | OEt |
| | | | |
| amino acid | acyl | SH | O-cyclopropyl |
| | acyl | | O-acetyl |
| amino acid | acyl | SH | SH SMe |
| amino acid | acyl | SH | |
| amino acid | acyl | SH | SEt |
| amino acid | acyl | SH | S-cyclopropyl |
| amino acid | acyl | SH | F |
| amino acid | acyl | SH | Cl |
| amino acid | acyl | SH | Br |
| amino acid | acyl | SH | I |
| acyl | H | Cl | Н |
| acyl | Н | Cl | NH ₂ |
| acyl | H | Cl | NH-cyclopropyl |
| acyl | Н | Cl | NH-methyl |
| acyl | H | Cl | NH-ethyl |
| acyl | Н | Cl | NH-acetyl |
| acyl | Н | Cl | OH . |
| acyl | H | Cl | OMe |
| acyl | Н | Cl | OEt |
| acyl | H | Cl | O-cyclopropyl |
| acyl | H | Cl | O-acetyl |
| acyl | Н | Cl | SH |
| acyl | Н | Cl | SMe |
| acyl | Н | Cl | SEt |
| acyl | Н | Cl | S-cyclopropyl |
| acyl | Н | Cl | F |
| acyl | Н | Cl | Cl |
| acyl | Н | Cl | Br |
| acyl | Н | Cl | I |
| acyl | acyl | Cl | H |
| acyl | acyl | Cl | NH ₂ |
| acyl | acyl | CI | NH-cyclopropyl |
| acyl | acyl | Cl | NH-methyl |
| | 1 | | |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|------|-----------------|
| acyl | acyl | Cl | NH-ethyl |
| acyl | acyl | Cl | NH-acetyl |
| acyl | acyl | CI | OH |
| acyl | acyl | Cl | OMe |
| acyl | acyl | CI | OEt |
| acyl | acyl | Cl | O-cyclopropyl |
| acyl | | Cl | |
| acyl | acyl | Cl | O-acetyl SH |
| | acyl | Cl | SMe |
| acyl | acyl | | |
| acyl | acyl | Cl | SEt |
| acyl | acyl | Cl | S-cyclopropyl |
| acyl | acyl | Cl | F |
| acyl | acyl | Cl | Cl |
| acyl | acyl | Cl | Br |
| acyl | acyl | Cl | I |
| acyl | amino acid | Cl | Н |
| acyl | amino acid | Cl | NH ₂ |
| acyl | amino acid | C1 | NH-cyclopropyl |
| acyl | amino acid | Cl | NH-methyl |
| acyl | amino acid | Cl | NH-ethyl |
| acyl | amino acid | Cl | NH-acetyl |
| acyl | amino acid | Cl | ОН |
| acyl | amino acid | Cl | OMe |
| acyl | amino acid | Cl | OEt |
| acyl | amino acid | Cl | O-cyclopropyl |
| acyl | amino acid | Cl | O-acetyl |
| acyl | amino acid | Cl | SH |
| acyl | amino acid | Cl | SMe |
| acyl | amino acid | Cl | SEt |
| acyl | amino acid | Cl | S-cyclopropyl |
| acyl | amino acid | Cl | F |
| acyl | amino acid | Cl | Cl |
| acyl | amino acid | Cl | Br |
| acyl | amino acid | Cl | I |
| Н | acyl | Cl | Н |
| H | acyl | Cl | NH ₂ |
| H | acyl | CI | NH-cyclopropyl |
| H H | acyl | Cl | NH-methyl |
| H | acyl | Cl | NH-ethyl |
| H | acyl | Cl | NH-acetyl |
| H | acyl | Cl | OH OH |
| | | Cl | OMe |
| H | acyl | | |
| H | acyl | Cl | OEt |
| H | acyl | Cl | O-cyclopropyl |
| H | acyl | Cl | O-acetyl |
| H | acyl | Cl | SH |
| H | acyl | Cl - | SMe |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----------|--------------------------|
| H | acyl | Cl | SEt |
| H | acyl | Cl | S-cyclopropyl |
| H | acyl | Ci | F |
| H | acyl | Cl | Cl |
| H | acyl | CI | Br |
| H | acyl | CI | I |
| H | amino acid | Cl | H |
| H | amino acid | Cl | NH ₂ |
| H | amino acid | Cl | NH-cyclopropyl |
| H | amino acid | Cl | NH-methyl |
| H | amino acid | Cl | NH-ethyl |
| H | amino acid | CI | NH-acetyl |
| H | amino acid | Cl | OH |
| H | amino acid | Cl | OMe |
| H | amino acid | CI | OEt |
| H | amino acid | Cl | O-cyclopropyl |
| H | amino acid | Cl | O-acetyl |
| H | amino acid | Cl | SH |
| H | amino acid | Cl | SMe |
| H | amino acid | Cl | SEt |
| H | amino acid | Cl | S-cyclopropyl |
| H | amino acid | Cl | F S-cyclopropyr |
| H | amino acid | Cl | Cl |
| H | amino acid | Cl | Br |
| <u>н</u> Н | amino acid | Cl | I |
| amino acid | amino acid | Cl | H |
| | amino acid | CI | NH ₂ |
| amino acid | amino acid | Cl | |
| amino acid | amino acid | Cl | NH-cyclopropyl NH-methyl |
| amino acid | amino acid | Cl | NH-ethyl |
| amino acid | amino acid | Cl | NH-acetyl |
| amino acid | | CI | OH |
| amino acid | amino acid | Cl | OMe . |
| amino acid | amino acid | Cl | OEt |
| amino acid | amino acid | Cl | |
| amino acid | amino acid | Cl | O-cyclopropyl O-acetyl |
| amino acid | | Cl | SH |
| amino acid | amino acid | Cl | |
| amino acid | amino acid | | SMe SEt |
| amino acid | amino acid | Cl Cl | |
| amino acid | amino acid | | S-cyclopropyl |
| amino acid | amino acid | Cl | F Cl |
| amino acid | amino acid | Cl | |
| amino acid | amino acid | Cl | Br |
| amino acid | amino acid | Cl | I |
| amino acid | H | Cl | H |
| amino acid | H | Cl | NH ₂ |
| amino acid | H | Cl | NH-cyclopropyl |

| R ² | R ³ | X ¹ | Y |
|--------------------------|----------------|----------------|--------------------|
| amino acid | Н | Cl | NH-methyl |
| amino acid | Н | Cl | NH-ethyl |
| amino acid | H | Cl | NH-acetyl |
| amino acid | Н | Cl | ОН |
| amino acid | H | Cl | OMe |
| amino acid | H | Cl | OEt |
| amino acid | H | CI | O-cyclopropyl |
| amino acid | H | Cl | O-acetyl |
| amino acid | H | Cl | SH |
| amino acid | H | Ci | SMe |
| amino acid | H | Cl | SEt |
| amino acid | H | Cl | S-cyclopropyl |
| amino acid | H | Cl | F |
| amino acid | H | Cl | Cl |
| amino acid | H | Cl | Br |
| amino acid | H | Cl | I |
| amino acid | acyl | Cl | H |
| amino acid | acyl | Cl | NH ₂ |
| amino acid | acyl | Cl | NH-cyclopropyl |
| amino acid | acyl | Ci | NH-methyl |
| amino acid | acyl | Cl | NH-ethyl |
| amino acid | acyl | Cl | NH-acetyl |
| amino acid | | Cl | OH |
| amino acid | acyl | Cl | OMe |
| amino acid | acyl | Cl | OEt |
| amino acid | acyl | Cl | |
| | acyl | Cl | O-cyclopropyl |
| amino acid amino acid | acyl | Cl | O-acetyl SH |
| | acyl | Cl | SMe |
| amino acid | acyl | Cl | SEt |
| amino acid | acyl | Cl | |
| | acyl | CI | S-cyclopropyl F |
| amino acid | acyl | | |
| amino acid | acyl | Cl Cl | Cl |
| amino acid | acyl | Cl | Br |
| amino acid | acyl | | I |
| acyl | H | Br | H |
| acyl | H | Br | NH ₂ |
| acyl | H . | Br | NH-cyclopropyl |
| acyl | H | Br | NH-methyl |
| acyl | H | Br | NH-ethyl |
| acyl | H | Br | NH-acetyl |
| acyl | H | Br | ОН |
| acyl | H | Br | OMe |
| acyl | Н | Br | OEt |
| acyl | Н | Br | O-cyclopropyl |
| acyl | Н | Br | O-acetyl |
| acyl | H | Br | SH |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| acyl | Н | Br | SMe |
| acyl | H | Br | SEt |
| acyl | H | Br | S-cyclopropyl |
| acyl | H | Br | F |
| acyl | Н | Br | Cl |
| acyl | H | Br | Br |
| acyl | H | Br | I |
| acyl | acyl | Br | H |
| acyl | acyl | Br | NH ₂ |
| acyl | acyl | Br | NH-cyclopropyl |
| acyl | acyl | Br | NH-methyl |
| acyl | acyl | Br | NH-ethyl |
| acyl | acyl | Br | NH-acetyl |
| acyl | acyl | Br | ОН |
| acyl | acyl | Br | OMe |
| acyl | acyl | Br | OEt |
| acyl | acyl | Br | O-cyclopropyl |
| acyl | acyl | Br | O-acetyl |
| acyl | acyl | Br | SH |
| acyl | acyl | Br | SMe |
| acyl | acyl | Br | SEt |
| acyl | acyl | Br | S-cyclopropyl |
| acyl | acyl | Br | F |
| acyl | acyl | Br | Cl |
| acyl | acyl | Br | Br |
| acyl | acyl | Br | I |
| acyl | amino acid | Br | H |
| acyl | amino acid | Br | NH ₂ |
| acyl | amino acid | Br | NH-cyclopropyl |
| acyl | amino acid | Br | NH-methyl |
| acyl | amino acid | Br | NH-ethyl |
| acyl | amino acid | Br | NH-acetyl |
| acyl | amino acid | Br | ОН |
| acyl | amino acid | Br | OMe |
| acyl | amino acid | Br | OEt |
| acyl | amino acid | Br | O-cyclopropyl |
| acyl | amino acid | Br | O-acetyl |
| acyl | amino acid | Br | SH |
| acyl | amino acid | Br | SMe |
| acyl | amino acid | Br | SEt |
| acyl | amino acid | Br | S-cyclopropyl |
| acyl | amino acid | Br | F |
| acyl | amino acid | Br | Cl |
| acyl | amino acid | Br | Br |
| acyl | amino acid | Br | I |
| H | acyl | Br | H |
| H | acyl | Br | NH ₂ |
| _11 | 1 40 51 | יני | 14112 |

| R ² | R ³ | X | Y |
|----------------|--------------------|----|-----------------------------|
| Н | acyl | Br | NH-cyclopropyl |
| Н | acyl | Br | NH-methyl |
| Н | acyl | Br | NH-ethyl |
| Н | acyl | Br | NH-acetyl |
| Н | acyl | Br | ОН |
| Н | acyl | Br | OMe |
| H | acyl | Br | OEt |
| H | acyl | Br | O-cyclopropyl |
| H | acyl | Br | O-acetyl |
| H | acyl | Br | SH |
| H | acyl | Br | SMe |
| H | acyl | Br | SEt |
| H | acyl | Br | S-cyclopropyl |
| H | acyl | Br | F S-cyclopropyi |
| Н | | Br | Cl |
| Н | acyl acyl | Br | Br |
| Н | | Br | I |
| Н | acyl amino acid | Br | H |
| Н | amino acid | Br | NH ₂ |
| Н | amino acid | Br | |
| H | amino acid | Br | NH-cyclopropyl NH-methyl |
| H | | Br | |
| Н | amino acid | Br | NH-ethyl |
| | amino acid | Br | NH-acetyl OH |
| H | amino acid | | OMe |
| H | amino acid | Br | |
| H | amino acid | Br | OEt |
| H | amino acid | Br | O-cyclopropyl |
| H | amino acid | Br | O-acetyl |
| H | amino acid | Br | SH |
| H | amino acid | Br | SMe |
| H | amino acid | Br | SEt |
| Н | amino acid | Br | S-cyclopropyl |
| H | amino acid | Br | F |
| Н | amino acid | Br | Cl |
| H | amino acid | Br | Br |
| <u> </u> | amino acid | Br | I |
| amino acid | amino acid | Br | H |
| amino acid | amino acid_ | Br | NH ₂ |
| amino acid | amino acid | Br | NH-cyclopropyl |
| amino acid | amino acid | Br | NH-methyl |
| amino acid | amino acid | Br | NH-ethyl |
| amino acid | amino acid | Br | NH-acetyl |
| amino acid | amino acid | Br | OH |
| amino acid | amino acid | Br | OMe |
| amino acid | amino acid | Br | OEt |
| amino acid | amino acid | Br | O-cyclopropyl |
| amino acid | amino acid | Br | O-acetyl |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|-----------------|-----------------|
| amino acid | amino acid | Br | SH |
| amino acid | amino acid | Br | SMe |
| amino acid | amino acid | Br | SEt |
| amino acid | amino acid | Br | S-cyclopropyl |
| amino acid | amino acid | Br | F |
| amino acid | amino acid | Br | Cl |
| amino acid | amino acid | Br | Br |
| amino acid | amino acid | Br | I |
| amino acid | H | Br | H |
| amino acid | Н | Br | NH ₂ |
| | H | Br | <u> </u> |
| amino acid | <u> </u> | | NH-cyclopropyl |
| amino acid | H | Br | NH-methyl |
| amino acid | H | Br | NH-ethyl |
| amino acid | H | Br | NH-acetyl |
| amino acid | H | Br | OH |
| amino acid | H | Br | OMe |
| amino acid | H | Br | OEt |
| amino acid | H | Br | O-cyclopropyl |
| amino acid | Н | Br | O-acetyl |
| amino acid | H | Br | SH |
| amino acid | H | Br | SMe |
| amino acid | Н | Br | SEt |
| amino acid | H | Br | S-cyclopropyl |
| amino acid | H | Br | F |
| amino acid | H | Br | Cl |
| amino acid | Н | Br | Br |
| amino acid | Η | Br | I |
| amino acid | acyl | Br | Н |
| amino acid | acyl | Br | NH ₂ |
| amino acid | acyl | Br | NH-cyclopropyl |
| amino acid | acyl | Br | NH-methyl |
| amino acid | acyl | Br | NH-ethyl |
| amino acid | acyl | Br | NH-acetyl |
| amino acid | acyl | Br | OH |
| amino acid | acyl | Br | OMe |
| amino acid | acyl | Br | OEt |
| amino acid | acyl | Br | O-cyclopropyl |
| amino acid | acyl | Br | O-acetyl |
| amino acid | acyl | Br | SH |
| amino acid | acyl | Br | SMe |
| amino acid | acyl | Br | SEt |
| amino acid | acyl | Br | S-cyclopropyl |
| amino acid | acyl | Br | F F |
| amino acid | acyl | Br | Cl |
| | | Br | Br |
| amino acid | acyl | Br | I |
| amino acid | acyl | | |
| acyl | H | NH ₂ | H |

| R ² | R ³ | X | Y |
|----------------|----------------|-----------------|-----------------|
| acyl | Н | NH ₂ | NH ₂ |
| acyl | Н | NH ₂ | NH-cyclopropyl |
| acyl | Н | NH ₂ | NH-methyl |
| acyl | Н | NH ₂ | NH-ethyl |
| acyl | H | NH ₂ | NH-acetyl |
| acyl | H | NH ₂ | OH |
| acyl | H | NH ₂ | OMe |
| acyl | H | NH ₂ | OEt |
| acyl | H | NH ₂ | O-cyclopropyl |
| acyl | H | NH ₂ | O-acetyl |
| acyl | H | NH ₂ | SH |
| acyl | H | NH ₂ | SMe |
| acyl | H | NH ₂ | SEt |
| acyl | H | | |
| acyl | | NH ₂ | S-cyclopropyl F |
| acyl | H | NH ₂ | Cl |
| acyl | Н | NH ₂ | |
| acyl | H | NH ₂ | Br |
| acyl | H | NH ₂ | I |
| acyl | acyl | NH ₂ | H |
| acyl | acyl | NH ₂ | NH ₂ |
| acyl | acyl | NH ₂ | NH-cyclopropyl |
| acyi | acyl | NH ₂ | NH-methyl |
| acyl | acyl | NH ₂ | NH-ethyl |
| acyl | acyl | NH ₂ | NH-acetyl |
| acyl | acyl | NH ₂ | ОН |
| acyl | acyl | NH ₂ | OMe |
| acyl | acyl | NH ₂ | OEt |
| acyl | acyl | NH ₂ | O-cyclopropyl |
| acyl | acyl | NH ₂ | O-acetyl |
| acyl | acyl | NH ₂ | SH |
| acyl | acyl | NH ₂ | SMe |
| acyl | acyl | NH ₂ | SEt |
| acyl | acyl | NH ₂ | S-cyclopropyl |
| acyl | acyl | NH ₂ | F |
| acyl | acyl | NH ₂ | Cl |
| acyl | acyl | NH ₂ | Br |
| acyl | acyl | NH ₂ | I |
| acyl | amino acid | NH ₂ | Н |
| acyl | amino acid | NH ₂ | NH ₂ |
| acyl | amino acid | NH ₂ | NH-cyclopropyl |
| acyl | amino acid | NH ₂ | NH-methyl |
| acyl | amino acid | NH ₂ | NH-ethyl |
| acyl | amino acid | NH ₂ | NH-acetyl |
| acyl | amino acid | NH ₂ | ОН |
| acyl | amino acid | NH ₂ | OMe |
| acyl | amino acid | NH ₂ | OEt |
| | amino acid | NH ₂ | O-cyclopropyl |

| R ² | R ³ | X | Y |
|----------------|----------------|-----------------|-----------------|
| acyl | amino acid | NH ₂ | O-acetyl |
| acyl | amino acid | NH ₂ | SH |
| acyl | amino acid | NH ₂ | SMe |
| acyl | amino acid | NH ₂ | SEt |
| acyl | amino acid | NH ₂ | S-cyclopropyl |
| acyl | amino acid | NH ₂ | F |
| acyl | amino acid | NH ₂ | Cl |
| acyl | amino acid | NH ₂ | Br |
| acyl | amino acid | NH ₂ | Ī |
| Н | acyl | NH ₂ | H |
| H | acyl | NH ₂ | NH ₂ |
| H | acyl | NH ₂ | NH-cyclopropyl |
| H | acyl | NH ₂ | NH-methyl |
| H | acyl | NH ₂ | NH-ethyl |
| H | acyl | NH ₂ | NH-acetyl |
| H | acyl | NH ₂ | OH |
| H | acyl | NH ₂ | OMe |
| Н | acyl | NH ₂ | OEt |
| Н | acyl | NH ₂ | O-cyclopropyl |
| H | acyl | NH ₂ | O-acetyl |
| H | acyl | NH ₂ | SH |
| H | acyl | NH ₂ | SMe |
| H | acyl | NH ₂ | SEt |
| H | acyl | NH ₂ | S-cyclopropyl |
| H | acyl | NH ₂ | F |
| H | acyl | NH ₂ | Cl |
| H | acyl | NH ₂ | Br |
| H | acyl | NH ₂ | Ī |
| Н | amino acid | NH ₂ | H |
| H | amino acid | NH ₂ | NH ₂ |
| H | amino acid | NH ₂ | NH-cyclopropyl |
| H | amino acid | NH ₂ | NH-methyl |
| H | amino acid | NH ₂ | NH-ethyl |
| H | amino acid | NH ₂ | NH-acetyl |
| H | amino acid | NH ₂ | OH |
| H | amino acid | NH ₂ | OMe |
| H | amino acid | NH ₂ | OEt |
| H | amino acid | NH ₂ | O-cyclopropyl |
| H | amino acid | NH ₂ | O-acetyl |
| H | amino acid | NH ₂ | SH |
| H | amino acid | NH ₂ | SMe |
| | | | |
| H | amino acid | NH ₂ | Sevelaneard |
| H | amino acid | NH ₂ | S-cyclopropyl |
| H | amino acid | NH ₂ | F |
| H | amino acid | NH ₂ | Cl |
| H | amino acid | NH ₂ | Br |
| H | amino acid | NH ₂ | I |

| R ² | R ³ | X | Y |
|----------------|----------------|-----------------|-----------------|
| amino acid | amino acid | NH ₂ | Н |
| amino acid | amino acid | NH ₂ | NH ₂ |
| amino acid | amino acid | NH ₂ | NH-cyclopropyl |
| amino acid | amino acid | NH ₂ | NH-methyl |
| amino acid | amino acid | NH ₂ | NH-ethyl |
| amino acid | amino acid | NH ₂ | NH-acetyl |
| amino acid | amino acid | NH ₂ | OH |
| amino acid | amino acid | NH ₂ | OMe |
| amino acid | amino acid | NH ₂ | OEt |
| amino acid | amino acid | NH ₂ | O-cyclopropyl |
| amino acid | amino acid | NH ₂ | O-acetyl |
| amino acid | amino acid | NH ₂ | SH |
| amino acid | amino acid | NH ₂ | SMe |
| amino acid | amino acid | NH ₂ | SEt |
| amino acid | amino acid | NH ₂ | S-cyclopropyl |
| amino acid | amino acid | NH ₂ | F |
| amino acid | amino acid | NH ₂ | Cl |
| amino acid | amino acid | NH ₂ | Br |
| amino acid | amino acid | NH ₂ | I |
| amino acid | Н | NH ₂ | Н |
| amino acid | Н | NH ₂ | NH ₂ |
| amino acid | Н | NH ₂ | NH-cyclopropyl |
| amino acid | Н | NH ₂ | NH-methyl |
| amino acid | Н | NH ₂ | NH-ethyl |
| amino acid | Η . | NH ₂ | NH-acetyl |
| amino acid | H | NH ₂ | ОН |
| amino acid | H | NH ₂ | OMe |
| amino acid | H | NH ₂ | OEt |
| amino acid | H | NH ₂ | O-cyclopropyl |
| amino acid | H | NH ₂ | O-acetyl |
| amino acid | H | NH ₂ | SH |
| amino acid | H | NH ₂ | SMe |
| amino acid | H | NH ₂ | SEt |
| amino acid | Н | NH ₂ | S-cyclopropyl |
| amino acid | Н | NH ₂ | F |
| amino acid | H | NH ₂ | Cl |
| amino acid | H | NH ₂ | Br |
| amino acid | H | NH ₂ | I |
| amino acid | acyl | NH ₂ | H |
| amino acid | acyl | NH ₂ | NH ₂ |
| amino acid | acyl | NH ₂ | NH-cyclopropyl |
| amino acid | acyl | NH ₂ | NH-methyl |
| amino acid | acyl | NH ₂ | NH-ethyl |
| amino acid | acyl | NH ₂ | NH-acetyl |
| amino acid | acyl | NH ₂ | ОН |
| amino acid | acyl | NH ₂ | ОМе |
| amino acid | acyl | NH ₂ | OEt |

| R ² | R ³ | X¹ | Υ . |
|----------------|----------------|-----------------|-----------------|
| amino acid | acyl | NH ₂ | O-cyclopropyl |
| amino acid | acyl | NH ₂ | O-acetyl |
| amino acid | acyl | NH ₂ | SH |
| amino acid | acyl | NH ₂ | SMe |
| amino acid | acyl | NH ₂ | SEt |
| amino acid | acyl | NH ₂ | S-cyclopropyl |
| amino acid | acyl | NH ₂ | F |
| amino acid | acyl | NH ₂ | Cl |
| amino acid | acyl | NH ₂ | Br |
| amino acid | acyl | NH ₂ | I |
| acyl | Н | OH | Н |
| acyl | Н | ОН | NH ₂ |
| acyl | Н | OH | NH-cyclopropyl |
| acyl | H | ОН | NH-methyl |
| acyl | H | OH | NH-ethyl |
| acyl | Н | OH | NH-acetyl |
| acyl | Н | ОН | ОН |
| acyl | Н | ОН | OMe |
| acyl | Н | OH | OEt |
| acyl | Н | ОН | O-cyclopropyl |
| acyl | Н | OH | O-acetyl |
| acyl | Н | ОН | SH |
| acyl | Н | ОН | SMe |
| acyl | Н | OH | SEt |
| acyl | Н | OH | S-cyclopropyl |
| acyl | Н | ОН | F |
| acyl | Н | OH | Cl |
| acyl | H | OH | Br |
| acyl | Н | OH | I |
| acyl | acyl | OH | Н |
| acyl | acyl | OH | NH ₂ |
| acyl | acyl | OH | NH-cyclopropyl |
| acyl | acyl | OH | NH-methyl |
| acyl | acyl | OH | NH-ethyl |
| acyl | acyl | OH | NH-acetyl |
| acyl | acyl | OH | OH |
| acyl | acyl | OH | OMe |
| acyl | acyl | OH | OEt |
| acyl | acyl | OH | O-cyclopropyl |
| acyl | acyl | OH | O-acetyl |
| acyl | acyl | OH | SH |
| acyl | acyl | OH | SMe |
| acyl | acyl | OH | SEt |
| acyl | acyl | OH | S-cyclopropyl |
| acyl | acyl | ОН | F |
| acyl | acyl | ОН | Cl |
| acyl | acyl | ОН | Br |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----|-----------------|
| acyl | acyl | OH | I |
| acyl | amino acid | OH | Н |
| acyl | amino acid | OH | NH ₂ |
| acyl | amino acid | ОН | NH-cyclopropyl |
| acyl | amino acid | ОН | NH-methyl |
| acyl | amino acid | OH | NH-ethyl |
| acyl | amino acid | OH | NH-acetyl |
| acyl | amino acid | ОН | OH |
| acyl | amino acid | OH | OMe |
| acyl | amino acid | OH | OEt |
| acyl | amino acid | OH | O-cyclopropyl |
| acyl | amino acid | OH | O-acetyl |
| acyl | amino acid | OH | SH |
| acyl | amino acid | ОН | SMe |
| acyl | amino acid | OH | SEt |
| acyl | amino acid | OH | S-cyclopropyl |
| acyl | amino acid | OH | F |
| acyl | amino acid | OH | Cl |
| acyl | amino acid | OH | Br |
| acyl | amino acid | ОН | Ī |
| H | acyl | OH | H |
| H | acyl | OH | NH ₂ |
| H | acyl | OH | NH-cyclopropyl |
| Н | acyl | OH | NH-methyl |
| H | acyl | OH | NH-ethyl |
| Н | acyl | OH | NH-acetyl |
| Н | acyl | ОН | ОН |
| Н | acyl | ОН | OMe |
| Н | acyl | OH | OEt |
| H | acyl | OH | O-cyclopropyl |
| Н | acyl | OH | O-acetyl |
| Н | acyl | OH | SH |
| Н | acyl | OH | SMe |
| H | acyl | OH | SEt |
| Н | acyl | OH | S-cyclopropyl |
| H | acyl | OH | F |
| Н | acyl | ОН | Cl |
| Н | acyl | OH | Br |
| H | acyl | OH | I |
| H | amino acid | ОН | Н |
| H | amino acid | ОН | NH ₂ |
| H | amino acid | OH | NH-cyclopropyl |
| H | amino acid | ОН | NH-methyl |
| Н | amino acid | ОН | NH-ethyl |
| Н | amino acid | ОН | NH-acetyl |
| H | amino acid | ОН | OH |
| H | amino acid | OH | OMe |

| R² | R ³ | X¹ | Y |
|------------|----------------|-------------|-----------------|
| H | amino acid | OH | OEt |
| H | amino acid | OH | O-cyclopropyl |
| H | amino acid | OH | O-acetyl |
| H | amino acid | OH | SH |
| H | amino acid | OH | SMe |
| | | OH | |
| H | amino acid | <u> </u> | SEt |
| H | amino acid | OH | S-cyclopropyl |
| H | amino acid | OH | F |
| H | amino acid | OH | Cl |
| H | amino acid | OH | Br |
| H | amino acid | ОН | I |
| amino acid | amino acid | OH | H |
| amino acid | amino acid | ОН | NH ₂ |
| amino acid | amino acid | ОН | NH-cyclopropyl |
| amino acid | amino acid | ОН | NH-methyl |
| amino acid | amino acid | OH | NH-ethyl |
| amino acid | amino acid | OH | NH-acetyl |
| amino acid | amino acid | OH | OH |
| amino acid | amino acid | ОН | OMe |
| amino acid | amino acid | OH | OEt |
| amino acid | amino acid | OH | O-cyclopropyl |
| amino acid | amino acid | OH | O-acetyl |
| amino acid | amino acid | OH | SH |
| amino acid | amino acid | ОН | SMe |
| amino acid | amino acid | ОН | SEt |
| amino acid | amino acid | ОН | S-cyclopropyl |
| amino acid | amino acid | ОН | F |
| amino acid | amino acid | ОН | Cl |
| amino acid | amino acid | ОН | Br |
| amino acid | amino acid | ОН | I |
| amino acid | Н | ОН | Н |
| amino acid | Н | ОН | NH ₂ |
| amino acid | Н | OH | NH-cyclopropyl |
| amino acid | Н | ОН | NH-methyl |
| amino acid | H | ОН | NH-ethyl |
| amino acid | Н | OH | NH-acetyl |
| amino acid | H | OH | ОН |
| amino acid | H | OH | OMe |
| amino acid | H | OH | OEt |
| amino acid | H | OH | O-cyclopropyl |
| amino acid | H | OH | O-acetyl |
| amino acid | H | | SH |
| | | OH | |
| amino acid | H | OH | SMe |
| amino acid | H | OH | SEt |
| amino acid | H | OH | S-cyclopropyl |
| amino acid | H | ОН | F |
| amino acid | H | ОН | Cl |

| R ² | R ³ | XI | Y |
|----------------|----------------|----|-----------------|
| amino acid | H | OH | Br |
| amino acid | Н | OH | I |
| amino acid | acyl | ОН | Н |
| amino acid | acyl | ОН | NH ₂ |
| amino acid | acyl | ОН | NH-cyclopropyl |
| amino acid | acyl | ОН | NH-methyl |
| amino acid | acyl | OH | NH-ethyl |
| amino acid | acyl | OH | NH-acetyl |
| amino acid | acyl | OH | OH |
| amino acid | acyl | OH | OMe |
| amino acid | acyl | OH | OEt |
| amino acid | acyl | OH | O-cyclopropyl |
| amino acid | acyl | ОН | O-acetyl |
| amino acid | acyl | OH | SH |
| amino acid | acyl | OH | SMe |
| amino acid | acyl | OH | SEt |
| amino acid | acyl | OH | S-cyclopropyl |
| amino acid | acyl | OH | F |
| amino acid | acyl | ОН | Cl |
| amino acid | acyl | ОН | Br |
| amino acid | acyl | ОН | I |
| acyl | H | F | Н |
| acyl | H | F | NH ₂ |
| acyl | H | F | NH-cyclopropyl |
| acyl | Н | F | NH-methyl |
| acyl | Н | F | NH-ethyl |
| acyl | Н | F | NH-acetyl |
| acyl | Н | F | ОН |
| acyl | Н | F | OMe |
| acyl | Н | F | OEt |
| acyl | Н | F | O-cyclopropyl |
| acyl | H | F | O-acetyl |
| acyl | H | F | SH |
| acyl | H | F | SMe |
| acyl | H | F | SEt |
| acyl | Н | F | S-cyclopropyl |
| acyl | Н | F | F |
| acyl | H | F | Cl |
| acyl | Н | F | Br |
| acyl | H | F | I |
| acyl | acyl | F | Н |
| acyl | acyl | F | NH ₂ |
| acyl | acyl | F | NH-cyclopropyl |
| acyl | acyl | F | NH-methyl |
| acyl | acyl | F | NH-ethyl |
| acyl | acyl | F | NH-acetyl |
| acyl | acyl | F | OH |

| R ² | R ³ | X | Y |
|----------------|----------------|---|--------------------|
| acyl | acyl | F | OMe |
| acyl | acyl | F | OEt |
| acyl | acyl | F | O-cyclopropyl |
| acyl | acyl | F | O-acetyl |
| acyl | acyl | F | SH |
| acyl | acyl | F | SMe |
| acyl | acyl | F | SEt |
| acyl | acyl | F | S-cyclopropyl |
| acyl | acyl | F | F |
| acyl | acyl | F | Cl |
| acyl | acyl | F | Br |
| acyl | acyl | F | Ī |
| acyl | amino acid | F | H |
| acyl | amino acid | F | NH ₂ |
| acyl | amino acid | F | NH-cyclopropyl |
| acyl | amino acid | F | NH-methyl |
| | amino acid | F | NH-ethyl |
| acyl acyl | amino acid | F | NH-acetyl |
| acyl | amino acid | F | OH |
| | amino acid | F | OMe |
| acyl | amino acid | F | OEt |
| acyl | amino acid | F | O-cyclopropyl |
| acyl | amino acid | F | O-cyclopropyi |
| acyl | | F | O-acetyl SH |
| acyl | amino acid | F | |
| acyl | amino acid | F | SMe |
| acyl | amino acid | F | SEt |
| acyl | amino acid | | S-cyclopropyl F |
| acyl | amino acid | F | |
| acyl | amino acid | F | Cl |
| acyl | amino acid | F | Br |
| acyl | amino acid | F | I |
| H | acyl | F | H |
| H | acyl | F | NH ₂ |
| H | acyl | F | NH-cyclopropyl |
| H | acyl | F | NH-methyl |
| H | acyl | F | NH-ethyl |
| H | acyl | F | NH-acetyl |
| H | acyl | F | OH |
| H | acyl | F | OMe |
| H | acyl | F | OEt |
| H | acyl | F | O-cyclopropyl |
| Н | acyl | F | O-acetyl |
| H | acyl | F | SH |
| H | acyl | F | SMe |
| H | acyl | F | SEt |
| H | acyl | F | S-cyclopropyl |
| Н | acyl | F | F |

| \mathbb{R}^2 | R ³ | X | Y |
|----------------|----------------|---|-----------------|
| H | acyl | F | Cl |
| H | | | Br |
| Н | acyl | F | I |
| Н | amino acid | F | Н |
| H | amino acid | F | NH ₂ |
| H | amino acid | F | NH-cyclopropyl |
| Н | amino acid | F | NH-methyl |
| Н | amino acid | F | NH-ethyl |
| Н | amino acid | F | NH-acetyl |
| Н | amino acid | F | ОН |
| Н | amino acid | F | OMe |
| Н | amino acid | F | OEt |
| Н | amino acid | F | O-cyclopropyl |
| Н | amino acid | F | O-acetyl |
| Н | amino acid | F | SH |
| Н | amino acid | F | SMe |
| H | amino acid | F | SEt |
| Н | amino acid | F | S-cyclopropyl |
| H | amino acid | F | F |
| Н | amino acid | F | Cl |
| H | amino acid | F | Br |
| H | amino acid | F | I |
| amino acid | amino acid | F | H |
| amino acid | amino acid | F | NH ₂ |
| amino acid | amino acid | F | NH-cyclopropyl |
| amino acid | amino acid | F | NH-methyl |
| amino acid | amino acid | F | NH-ethyl |
| amino acid | amino acid | F | NH-acetyl |
| amino acid | amino acid | F | OH |
| amino acid | amino acid | F | OMe |
| amino acid | amino acid | F | OEt |
| amino acid | amino acid | F | O-cyclopropyl |
| amino acid | amino acid | F | O-acetyl |
| amino acid | amino acid | F | SH |
| amino acid | amino acid | F | SMe |
| amino acid | amino acid | F | SEt |
| amino acid | amino acid | F | S-cyclopropyl |
| amino acid | amino acid | F | F |
| amino acid | amino acid | F | Cl |
| amino acid | amino acid | F | Br |
| amino acid | amino acid | F | I |
| amino acid | H | F | H |
| amino acid | H | F | NH ₂ |
| amino acid | H | F | NH-cyclopropyl |
| amino acid | H | F | NH-methyl |
| amino acid | H | F | NH-ethyl |
| amino acid | H | F | NH-acetyl |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|------------------------|
| amino acid | Н | F | OH |
| amino acid | Н | F | OMe |
| amino acid | Н | F | OEt |
| amino acid | Н | F | O-cyclopropyl |
| amino acid | Н | F | O-acetyl |
| amino acid | Н | F | SH |
| amino acid | H | F | SMe |
| amino acid | H | F | SEt |
| amino acid | H | F | S-cyclopropyl |
| amino acid | Н | F | F |
| amino acid | Н | F | Cl |
| amino acid | Н | F | Br |
| amino acid | Н | F | I |
| amino acid | acyl | F | Н |
| amino acid | acyl | F | NH ₂ |
| amino acid | acyl | F | NH-cyclopropyl |
| amino acid | acyl | F | NH-methyl |
| amino acid | acyl | F | NH-ethyl |
| amino acid | acyl | F | NH-acetyl |
| amino acid | acyl | F | OH |
| amino acid | acyl | F | OMe |
| amino acid | acyl | F | OEt |
| amino acid | acyl | F | |
| amino acid | acyl | F | O-cyclopropyl O-acetyl |
| amino acid | acyl | F | SH SH |
| amino acid | acyl | F | SMe |
| amino acid | acyl | F | SEt |
| amino acid | acyl | F | |
| amino acid | acyl | F | S-cyclopropyl F |
| amino acid | acyl | F | Cl |
| amino acid | | F | Br |
| amino acid | acyl acyl | F | I |
| annio acid | H | Ī | H |
| acyl acyl | H | I | NH ₂ |
| acyl | H | Ī | <u> </u> |
| acyl | H | I | NH-cyclopropyl |
| | Н. | I | NH-methyl |
| acyl | H | I | NH-ethyl |
| acyl | H | | NH-acetyl |
| acyl | H | I | OH |
| acyl | | I | OMe |
| acyl | H | I | OEt |
| acyl | H | I | O-cyclopropyl |
| acyl | H | I | O-acetyl |
| acyl | H | I | SH |
| acyl | H | I | SMe |
| acyl | H | I | SEt |
| acyl | Н | I | S-cyclopropyl |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|------------------|--------------------------|
| acyl | H | I | F |
| acyl | Н | I | Cl |
| acyl | Н | I | Br |
| acyl | Н | I | Ĭ |
| acyl | acyl | Ī | H |
| acyl | acyl | Ī | NH ₂ |
| acyl | acyl | Ī | NH-cyclopropyl |
| acyl | acyl | Ī | NH-methyl |
| acyl | acyl | | NH-ethyl |
| acyl | acyl | Î | NH-acetyl |
| acyl | acyl | $-\frac{1}{1}$ | OH |
| acyl | acyl | $\frac{1}{I}$ | OMe |
| acyl | acyl | I | OEt |
| acyl | acyl | Ī | O-cyclopropyl |
| acyl | acyl | I | O-acetyl |
| acyl | acyl | I | SH |
| acyl | acyl | I | SMe |
| acyl | acyl | Ī | SEt |
| acyl | acyl | Î | S-cyclopropyl |
| acyl | acyl | I | F |
| acyl | acyl | I | Cl |
| acyl | acyl | Ī | Br |
| acyl | acyl | I | I |
| acyl | amino acid | - 1 | H |
| acyl | amino acid | $-\frac{1}{1}$ | NH ₂ |
| acyl | amino acid | Ī | NH-cyclopropyl |
| acyl | amino acid | I | NH-methyl |
| acyl | amino acid | Ī | NH-ethyl |
| acyl | amino acid | - <u>i</u> - | NH-acetyl |
| acyl | amino acid | T I | OH |
| acyl | amino acid | I | OMe |
| acyl | amino acid | Ī | OEt |
| acyl | amino acid | Ī | O-cyclopropyl |
| acyl | amino acid | T I | O-acetyl |
| acyl | amino acid | $\frac{1}{I}$ | SH |
| acyl | amino acid | Ī | SMe |
| acyl | amino acid | Ī | SEt |
| acyl | amino acid | I | S-cyclopropyl |
| acyl | amino acid | $-\frac{1}{I}$ | F |
| acyl | amino acid | $\frac{1}{I}$ | CI |
| acyl | amino acid | I | Br |
| acyl | amino acid | $-\frac{1}{I}$ | I |
| H | acyl | $\frac{1}{I}$ | H |
| H | acyl | I | NH ₂ |
| | | $\frac{1}{I}$ | |
| H | acyl | I | NH-cyclopropyl NH-methyl |
| H | acyl | | NH-ethyl |
| H | acyl | I | IND-emili |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| Н | acyl | I | NH-acetyl |
| H | acyl | I | ОН |
| H | acyl | I | OMe |
| Н | acyl | I | OEt |
| H | acyl | 1 | O-cyclopropyl |
| Н | acyl | I | O-acetyl |
| Н | acyl | Ī | SH |
| Н | acyl | ī | SMe |
| Н | acyl | Ī | SEt |
| Н | acyl | Ī | S-cyclopropyl |
| Н | acyl | Ī | F |
| Н | acyl | $\frac{1}{1}$ | Cl |
| Н | acyl | Ī | Br |
| H | acyl | Ī | I |
| H | amino acid | I | H |
| Н | amino acid | Ī | NH ₂ |
| Н | amino acid | Ī | NH-cyclopropyl |
| Н | amino acid | Ī | NH-methyl |
| H | amino acid | <u> </u> | NH-ethyl |
| Н | amino acid | I | NH-acetyl |
| Н | amino acid | Ī | ОН |
| Н | amino acid | I | OMe |
| Н | amino acid | I | OEt |
| Н | amino acid | I | O-cyclopropyl |
| H | amino acid | I | O-acetyl |
| H | amino acid | I | SH |
| H | amino acid | I | SMe |
| Н | amino acid | I | SEt |
| Н | amino acid | I | S-cyclopropyl |
| Н | amino acid | I | F |
| Н | amino acid | I | Cl |
| Н | amino acid | I | Br |
| Н | amino acid | I | I |
| amino acid | amino acid | I | Н |
| amino acid | amino acid | I | NH ₂ |
| amino acid | amino acid | I | NH-cyclopropyl |
| amino acid | amino acid | I | NH-methyl |
| amino acid | amino acid | I | NH-ethyl |
| amino acid | amino acid | I | NH-acetyl |
| amino acid | amino acid | I | ОН |
| amino acid | amino acid | I. | OMe |
| amino acid | amino acid | I | OEt |
| amino acid | amino acid | I | O-cyclopropyl |
| amino acid | amino acid | I | O-acetyl |
| amino acid | amino acid | I | SH |
| amino acid | amino acid | I | SMe |
| amino acid | amino acid | I | SEt |

| R ² | R ³ | XI | Y |
|----------------|----------------|----|-----------------|
| amino acid | amino acid | I | S-cyclopropyl |
| amino acid | amino acid | I | F |
| amino acid | amino acid | I. | Cl |
| amino acid | amino acid | Ī | Br |
| amino acid | amino acid | I | I |
| amino acid | Н | I | Н |
| amino acid | Н | I | NH ₂ |
| amino acid | Н | I | NH-cyclopropyl |
| amino acid | Н | I | NH-methyl |
| amino acid | Н | I | NH-ethyl |
| amino acid | Н | I | NH-acetyl |
| amino acid | Н | I | ОН |
| amino acid | Н | I | OMe |
| amino acid | Н | I | OEt |
| amino acid | Н | I | O-cyclopropyl |
| amino acid | Н | I | O-acetyl |
| amino acid | Н | I | SH |
| amino acid | Н | I | SMe |
| amino acid | Н | Ī | SEt |
| amino acid | Н | I | S-cyclopropyl |
| amino acid | Н | I | F |
| amino acid | Н | I | Cl |
| amino acid | Н | I | Br |
| amino acid | H | I | I . |
| amino acid | acyl | I | H |
| amino acid | acyl | I | NH ₂ |
| amino acid | acyl | I | NH-cyclopropyl |
| amino acid | acyl | I | NH-methyl |
| amino acid | acyl | I | NH-ethyl |
| amino acid | acyl | I | NH-acetyl |
| amino acid | acyl | I | ОН |
| amino acid | acyl | I | OMe |
| amino acid | acyl | I | OEt |
| amino acid | acyl | I | O-cyclopropyl |
| amino acid | acyl | I | O-acetyl |
| amino acid | acyl | I | SH |
| amino acid | acyl | I | SMe |
| amino acid | acyl | I | SEt |
| amino acid | acyl | I | S-cyclopropyl |
| amino acid | acyl | I | F |
| amino acid | acyl | I | Cl |
| amino acid | acyl | I | Br |
| amino acid | acyl | I | I |

Table 15

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| acyl | Н | CH ₃ | 0 | Thymine |
| acyl | Н | CH ₃ | 0 | Uracil |
| acyl | Н | CH ₃ | 0 | Guanine |
| acyl | Н | CH ₃ | 0 | Cytosine |
| acyl | Н | CH ₃ | 0 | Adenine |
| acyl | Н | CH ₃ | 0 | Hypoxanthine |
| acyl | Н | CH ₃ | 0 | 5-Fluorouracil |
| acyl | Н | CH ₃ | 0 | 8-Fluoroguanine |
| acyl | Н | CH ₃ | 0 | 5-Fluorocytosine |
| acyl | Н | CH ₃ | 0 | 8-Fluoroadenine |
| acyl | Н | CH ₃ | 0 | 2-Fluoroadenine |
| acyl | H | CH ₃ | 0 | 2,8-Difluoroadenine |
| acyl | H | CH ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | H | CH ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | Η | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | Н | CH ₃ | 0 | 2-Aminoadenine |
| acyl | H | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | H | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | Н | CH ₃ | 0 | 2-Aminohypoxanthine |
| acyl | H | CH ₃ | 0 | 2-N-acetylguanine |
| acyl | Н | CH ₃ | 0 | 4-N-acetylcytosine |
| acyl | Н | CH ₃ | 0 | 6-N-acetyladenine |
| acyl | Н | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | Н | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | Н | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | Н | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | H | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | H | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | H | CH ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | H | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | H | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | H | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | acyl | CH ₃ | 0 | Thymine |
| acyl | acyl | CH ₃ | 0 | Uracil |
| acyl | acyl | CH ₃ | 0 | Guanine |
| acyl | acyl | CH ₃ | 0 | Cytosine |
| acyl | acyl | CH ₃ | 0 | Adenine |
| acyl | acyl | CH ₃ | 0 | Hypoxanthine |
| acyl | acyl | CH ₃ | 0 | 5-Fluorouracil |
| acyl | acyl | CH ₃ | 0 | 8-Fluoroguanine |
| acyl | acyl | CH ₃ | 0 | 5-Fluorocytosine |
| acyl | acyl | CH ₃ | 0 | 8-Fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2-Fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2,8-Difluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2-Fluorohypoxanthine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----------------|--------------------------------------|
| acyl | acyl | CH ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | acyl | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | acyl | CH ₃ | 0 | 2-Aminoadenine |
| acyl | acyl | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | acyl | CH ₃ | O | 2-Aminohypoxanthine |
| acyl | acyl | CH ₃ | 0 | 2-N-acetylguanine |
| acyl | acyl | CH ₃ | 0 | 4-N-acetylcytosine |
| acyl | acyl | CH ₃ | 0 | 6-N-acetyladenine |
| acyl | acyl | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | acyl | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | acyl | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | acyl | CH ₃ | $\frac{1}{0}$ | 6-N-acetyl-2-aminoadenine |
| acyl | acyl | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | acyl | CH ₃ | ō | 2-N-acetylamino-8-fluoroadenine |
| acyl | acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | acyl | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | amino acid | CH ₃ | Ō | Thymine |
| acyl | amino acid | CH ₃ | ō | Uracil |
| acyl | amino acid | CH ₃ | ō | Guanine |
| acyl | amino acid | CH ₃ | Ö | Cytosine |
| acyl | amino acid | CH ₃ | l o | Adenine |
| acyl | amino acid | CH ₃ | 0 | Hypoxanthine |
| acyl | amino acid | CH ₃ | 0 | 5-Fluorouracil |
| acyl | amino acid | CH ₃ | 0 | 8-Fluoroguanine |
| acyl | amino acid | CH ₃ | 0 | 5-Fluorocytosine |
| acyl | amino acid | CH ₃ | 0 | 8-Fluoroadenine |
| acyl | amino acid | CH ₃ | 0 | 2-Fluoroadenine |
| acyl | amino acid | CH ₃ | 0 | 2,8-Difluoroadenine |
| acyl | amino acid | CH ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | amino acid | CH ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | amino acid | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | amino acid | CH ₃ | О | 2-Aminoadenine |
| acyl | amino acid | CH ₃ | 10 | 2-Amino-8-fluoroadenine |
| acyl | amino acid | CH ₃ | ō | 2-Amino-8-fluorohypoxanthine |
| acyl | amino acid | CH ₃ | 10 | 2-Aminohypoxanthine |
| acyl | amino acid | CH ₃ | ō | 2-N-acetylguanine |
| acyl | amino acid | CH ₃ | ō | 4-N-acetylcytosine |
| acyl | amino acid | CH ₃ | ō | 6-N-acetyladenine |
| acyl | amino acid | CH ₃ | $\frac{1}{0}$ | 2-N-acetyl-8-fluoroguanine |
| acyl | amino acid | CH ₃ | Ö | 4-N-acetyl-5-fluorocytosine |
| acyl | amino acid | CH ₃ | 1 ŏ | 6-N-acetyl-2-fluoroadenine |
| acyl | amino acid | CH ₃ | 6 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | amino acid | CH ₃ | Ö | 6-N-acetyl-2-aminoadenine |
| | amino acid | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | animo aciu | C113 | | 1 0-14-accty1-2-ammio-0-moroaucinne |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| acyl | amino acid | CH ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | amino acid | CH ₃ | О | 2-N-acetylamino-8-fluoroadenine |
| acyl | amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | amino acid | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| H | acyl | CH ₃ | 0 | Thymine |
| Н | acyl | CH ₃ | 0 | Uracil |
| H | acyl | CH ₃ | 0 | Guanine |
| H | acyl | CH ₃ | 0 | Cytosine |
| Н | acyl | CH ₃ | О | Adenine |
| H | acyl | CH ₃ | 0 | Hypoxanthine |
| H | acyl | CH ₃ | 0 | 5-Fluorouracil |
| Н | acyl | CH ₃ | 0 | 8-Fluoroguanine |
| Н | acyl | CH ₃ | 0 | 5-Fluorocytosine |
| Н | acyl | CH ₃ | 0 | 8-Fluoroadenine |
| Н | acyl | CH ₃ | 0 | 2-Fluoroadenine |
| Н | acyl | CH ₃ | 0 | 2,8-Difluoroadenine |
| Н | acyl | CH ₃ | 0 | 2-Fluorohypoxanthine |
| Н | acyl | CH ₃ | 0 | 8-Fluorohypoxanthine |
| Н | acyl | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| Н | acyl | CH ₃ | 0 | 2-Aminoadenine |
| Н | acyl | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| Н | acyl | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| Н | acyl | CH ₃ | 0 | 2-Aminohypoxanthine |
| H | acyl | CH ₃ | 0 | 2-N-acetylguanine |
| H | acyl | CH ₃ | 0 | 4-N-acetylcytosine |
| Н | acyl | CH ₃ | 0 | 6-N-acetyladenine |
| Н | acyl | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| Н | acyl | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| Н | acyl | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| Н | acyl | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| H | acyl | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| H | acyl | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| H | acyl | CH ₃ | 0 | 2-N-acetylaminoadenine |
| Н | acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| H | acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | acyl | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| Н | amino acid | CH ₃ | 0 | Thymine |
| Н | amino acid | CH ₃ | 0 | Uracil |
| Н | amino acid | CH ₃ | 0 | Guanine |
| Н | amino acid | CH ₃ | 0 | Cytosine |
| Н | amino acid | CH ₃ | 0 | Adenine |
| H | amino acid | CH ₃ | 0 | Hypoxanthine |
| Н | amino acid | CH ₃ | 0 | 5-Fluorouracil |
| H | amino acid | CH ₃ | 0 | 8-Fluoroguanine |
| Н | amino acid | CH ₃ | 0 | 5-Fluorocytosine |
| Н | amino acid | CH ₃ | 0 | 8-Fluoroadenine |
| H | amino acid | CH ₃ | 0 | 2-Fluoroadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| H | amino acid | CH ₃ | 0 | 2,8-Difluoroadenine |
| H | amino acid | CH ₃ | 0 | 2-Fluorohypoxanthine |
| H | amino acid | CH ₃ | ō | 8-Fluorohypoxanthine |
| H | amino acid | CH ₃ | ō | 2,8-Difluorohypoxanthine |
| H | amino acid | CH ₃ | ŏ | 2-Aminoadenine |
| H | amino acid | CH ₃ | ō | 2-Amino-8-fluoroadenine |
| H | amino acid | CH ₃ | ŏ | 2-Amino-8-fluorohypoxanthine |
| H | amino acid | CH ₃ | ō | 2-Amino-s-nation/poxantaline |
| H | amino acid | CH ₃ | 0 | 2-N-acetylguanine |
| H | amino acid | CH ₃ | ō | 4-N-acetylcytosine |
| H | amino acid | CH ₃ | 0 | 6-N-acetyladenine |
| H | amino acid | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| Н | amino acid | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| H | amino acid | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| | amino acid | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| H | amino acid | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| H | amino acid | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| | amino acid | CH ₃ | 0 | 2-N-acetylaminoadenine |
| H | amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| | | CH ₃ | 0 | |
| H | amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| H | amino acid | | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | | CH ₃ | | Thymine Uracil |
| amino acid | amino acid | CH ₃ | 0 | Guanine |
| amino acid | amino acid | CH ₃ | 0 | |
| amino acid | amino acid | CH ₃ | 0 | Cytosine |
| amino acid | amino acid | CH ₃ | 0 | Adenine |
| amino acid | amino acid | CH ₃ | 0 | Hypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 5-Fluorouracil |
| amino acid | amino acid | CH ₃ | 0 | 8-Fluoroguanine |
| amino acid | amino acid | CH ₃ | 0 | 5-Fluorocytosine |
| amino acid | amino acid | CH ₃ | 0 | 8-Fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-Fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 2-Aminoadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetylguanine |
| amino acid | amino acid | CH ₃ | 0 | 4-N-acetylcytosine |
| amino acid | amino acid | CH ₃ | 0 | 6-N-acetyladenine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | amino acid | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | amino acid | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | amino acid | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | amino acid | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | Н | CH ₃ | 0 | Thymine |
| amino acid | Н | CH ₃ | 0 | Uracil |
| amino acid | Н | CH ₃ | 0 | Guanine |
| amino acid | Н | CH ₃ | 0 | Cytosine |
| amino acid | Н | CH ₃ | 0 | Adenine |
| amino acid | Н | CH ₃ | 0 | Hypoxanthine |
| amino acid | H | CH ₃ | 0 | 5-Fluorouracil |
| amino acid | Н | CH ₃ | 0 | 8-Fluoroguanine |
| amino acid | Н | CH ₃ | 0 | 5-Fluorocytosine |
| amino acid | Н | CH ₃ | 0 | 8-Fluoroadenine |
| amino acid | Н | CH ₃ | 0 | 2-Fluoroadenine |
| amino acid | Н | CH ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | Н | CH ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 2-Aminoadenine |
| amino acid | Н | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | Н | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 2-N-acetylguanine |
| amino acid | Н | CH ₃ | 0 | 4-N-acetylcytosine |
| amino acid | Н | CH ₃ | 0 | 6-N-acetyladenine |
| amino acid | H | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | Н | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | Н | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | Н | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | Н | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | H | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | Н | CH ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | H | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | H | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | Н | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | acyl | CH ₃ | 0 | Thymine |
| amino acid | acyl | CH ₃ | 0 | Uracil |
| amino acid | acyl | CH ₃ | 0 | Guanine |
| amino acid | acyl | CH ₃ | 0 | Cytosine |
| amino acid | acyl | CH ₃ | 0 | Adenine |
| amino acid | acyl | CH ₃ | 0 | Hypoxanthine |
| amino acid | acyl | CH ₃ | 0 | 5-Fluorouracil |
| amino acid | acyl | CH ₃ | 0 | 8-Fluoroguanine |
| amino acid | acyl | CH ₃ | 0 | 5-Fluorocytosine |

| R ² | \mathbb{R}^3 | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | acyl | CH ₃ | 0 | 8-Fluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2-Fluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | acyl | CH ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | acyl | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | acyl | CH ₃ | 0 | 2-Aminoadenine |
| amino acid | acyl | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | acyl | CH ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | acyl | CH ₃ | Ō | 2-N-acetylguanine |
| amino acid | acyl | CH ₃ | Ō | 4-N-acetylcytosine |
| amino acid | acyl | CH ₃ | ō | 6-N-acetyladenine |
| amino acid | acyl | CH ₃ | Ō | 2-N-acetyl-8-fluoroguanine |
| amino acid | acyl | CH ₃ | ō | 4-N-acetyl-5-fluorocytosine |
| amino acid | acyl | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | acyl | CH ₃ | ō | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | acyl | CH ₃ | Ō | 6-N-acetyl-2-aminoadenine |
| amino acid | acyl | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | acyl | CH ₃ | Ō | 2-N-acetylamino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | acyl | CH ₃ | Ō | 2-N-acetylaminohypoxanthine |
| acyl | H | CH ₃ | S | Thymine |
| acyl | H . | CH ₃ | S | Uracil |
| acyl | Н | CH ₃ | S | Guanine |
| acyl | Н | CH ₃ | S | Cytosine |
| acyl | Н | CH ₃ | S | Adenine |
| acyl | Н | CH ₃ | S | Hypoxanthine |
| acyl | Н | CH ₃ | S | 5-Fluorouracil |
| acyl | Н | CH ₃ | S | 8-Fluoroguanine |
| acyl | Н | CH ₃ | S | 5-Fluorocytosine |
| acyl | Н | CH ₃ | S | 8-Fluoroadenine |
| acyl | H | CH ₃ | S | 2-Fluoroadenine |
| acyl | Н | CH ₃ | S | 2,8-Difluoroadenine |
| acyl | Н | CH ₃ | S | 2-Fluorohypoxanthine |
| acyl | Н | CH ₃ | S | 8-Fluorohypoxanthine |
| acyl | H | CH ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | Н | CH ₃ | S | 2-Aminoadenine |
| acyl | Н | CH ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | H | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | H | CH ₃ | S | 2-Aminohypoxanthine |
| acyl | H | CH ₃ | S | 2-N-acetylguanine |
| acyl | H | CH ₃ | S | 4-N-acetylcytosine |
| acyl | H | CH ₃ | S | 6-N-acetyladenine |
| acyl | H | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | | | | |
| Lacut | H , | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---------------|--------------------------------------|
| acyl | Н | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | Н | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | Н | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | Н | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | H | CH ₃ | S | 2-N-acetylaminoadenine |
| acyl | H | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | H | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | H | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | acyl | CH ₃ | S | Thymine |
| acyl | acyl | CH ₃ | S | Uracil |
| acyl | acyl | CH ₃ | $\frac{3}{8}$ | Guanine |
| acyl | acyl | CH ₃ | S | Cytosine |
| acyl | acyl | CH ₃ | $\frac{s}{s}$ | Adenine |
| | acyl | CH ₃ | S | Hypoxanthine |
| acyl | acyl | CH ₃ | $\frac{3}{8}$ | 5-Fluorouracil |
| acyl | acyl | CH ₃ | S | 8-Fluoroguanine |
| acyl | acyl | CH ₃ | S | 5-Fluorocytosine |
| acyl | acyl | CH ₃ | S | 8-Fluoroadenine |
| acyl | acyl | CH ₃ | S | 2-Fluoroadenine |
| acyl | acyl | CH ₃ | - S | 2,8-Difluoroadenine |
| acyl | acyl | CH ₃ | S | 2-Fluorohypoxanthine |
| acyl | acyl | CH ₃ | S | 8-Fluorohypoxanthine |
| acyl | | CH ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | acyl | CH ₃ | S | 2-Aminoadenine |
| acyl | acyl | CH ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | acyl acyl | CH ₃ | <u> </u> | 2-Amino-8-fluorohypoxanthine |
| acyl | | CH ₃ | S | 2-Aminohypoxanthine |
| acyl | acyl acyl | CH ₃ | $\frac{3}{8}$ | 2-N-acetylguanine |
| acyl | | CH ₃ | S | 4-N-acetylcytosine |
| acyl | acyl | CH ₃ | S | 6-N-acetyladenine |
| acyl | acyl | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | acyl | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | acyl acyl | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | acyl | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | acyl | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | acyl | CH ₃ | S | 2-N-acetylaminoadenine |
| acyl | acyl | | S | _ - |
| acyl | acyl | CH ₃ | | 2-N-acetylamino-8-fluoroadenine |
| acyl | acyl | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | acyl | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | amino acid | CH ₃ | S | Thymine |
| acyl | amino acid | CH ₃ | S | Uracil |
| acyl | amino acid | CH ₃ | S | Guanine |
| acyl | amino acid | CH ₃ | S | Cytosine |
| acyl | amino acid | CH ₃ | S | Adenine |
| acyl | amino acid | CH ₃ | S | Hypoxanthine |
| acyl | amino acid | CH ₃ | S | 5-Fluorouracil |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----|--------------------------------------|
| acyl | amino acid | CH ₃ | S | 8-Fluoroguanine |
| acyl | amino acid | CH ₃ | S | 5-Fluorocytosine |
| acyl | amino acid | CH ₃ | S | 8-Fluoroadenine |
| acyl | amino acid | CH ₃ | S | 2-Fluoroadenine |
| acyl | amino acid | CH ₃ | S | 2,8-Difluoroadenine |
| acyl | amino acid | CH ₃ | S | 2-Fluorohypoxanthine |
| acyl | amino acid | CH ₃ | S | 8-Fluorohypoxanthine |
| acyl | amino acid | CH ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | amino acid | CH ₃ | S | 2-Aminoadenine |
| acyl | amino acid | CH ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | amino acid | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | amino acid | CH ₃ | S | 2-Aminohypoxanthine |
| acyl | amino acid | CH ₃ | S | 2-N-acetylguanine |
| acyl | amino acid | CH ₃ | S | 4-N-acetylcytosine |
| acyl | amino acid | CH ₃ | S | 6-N-acetyladenine |
| acyl | amino acid | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | amino acid | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | amino acid | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | amino acid | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | amino acid | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | amino acid | CH ₃ | S_ | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | amino acid | CH ₃ | S | 2-N-acetylaminoadenine |
| acyl | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | amino acid | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| H | acyl | CH ₃ | S | Thymine |
| Н | acyl | CH ₃ | S | Uracil |
| H | acyl | CH ₃ | S | Guanine |
| Н | acyl | CH ₃ | S | Cytosine |
| Н | acyl | CH ₃ | S | Adenine |
| Н | acyl | CH ₃ | S | Hypoxanthine |
| H | acyl | CH ₃ | S | 5-Fluorouracil |
| H | acyl | CH ₃ | S | 8-Fluoroguanine |
| H | acyl | CH ₃ | S | 5-Fluorocytosine |
| Н | acyl | CH ₃ | S | 8-Fluoroadenine |
| Н | acyl | CH ₃ | S | 2-Fluoroadenine |
| Н | acyl | CH ₃ | S | 2,8-Difluoroadenine |
| H | acyl | CH ₃ | S | 2-Fluorohypoxanthine |
| H | acyl | CH ₃ | S | 8-Fluorohypoxanthine |
| H | acyl | CH ₃ | S | 2,8-Difluorohypoxanthine |
| H | acyl | CH ₃ | S | 2-Aminoadenine |
| H | acyl | CH ₃ | S | 2-Amino-8-fluoroadenine |
| H | acyl | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| H | acyl | CH ₃ | S | 2-Aminohypoxanthine |
| H | acyl | CH₃ | S | 2-N-acetylguanine |
| Н | acyl | CH ₃ | S | 4-N-acetylcytosine |
| H | acyl | CH ₃ | S | 6-N-acetyladenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| H | acyl | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| Н | acyl | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| Н | acyl | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| Н | acyl | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| Н | acyl | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| Н | acyl | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| Н | acyl | CH ₃ | S | 2-N-acetylaminoadenine |
| Н | acyl | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| Н | acyl | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | acyl | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| Н | amino acid | CH ₃ | S | Thymine |
| Н | amino acid | CH ₃ | S | Uracil |
| Н | amino acid | CH ₃ | S | Guanine |
| Н | amino acid | CH ₃ | S | Cytosine |
| H | amino acid | CH ₃ | S | Adenine |
| Н | amino acid | CH ₃ | S | Hypoxanthine |
| Н | amino acid | CH ₃ | S | 5-Fluorouracil |
| Н | amino acid | CH ₃ | S | 8-Fluoroguanine |
| Н | amino acid | CH ₃ | S | 5-Fluorocytosine |
| Н | amino acid | CH ₃ | S | 8-Fluoroadenine |
| Н | amino acid | CH ₃ | S | 2-Fluoroadenine |
| Н | amino acid | CH ₃ | S | 2,8-Difluoroadenine |
| Н | amino acid | CH ₃ | S | 2-Fluorohypoxanthine |
| H | amino acid | CH ₃ | S | 8-Fluorohypoxanthine |
| H | amino acid | CH ₃ | S | 2,8-Difluorohypoxanthine |
| Н | amino acid | CH ₃ | S | 2-Aminoadenine |
| Н | amino acid | CH ₃ | S | 2-Amino-8-fluoroadenine |
| Н | amino acid | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| Н | amino acid | CH ₃ | S | 2-Aminohypoxanthine |
| H | amino acid | CH ₃ | S | 2-N-acetylguanine |
| Н | amino acid | CH ₃ | S | 4-N-acetylcytosine |
| Н | amino acid | CH ₃ | S | 6-N-acetyladenine |
| Н | amino acid | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| Н | amino acid | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| H | amino acid | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| Н | amino acid | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| H | amino acid | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| Н | amino acid | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| Н | amino acid | CH ₃ | S | 2-N-acetylaminoadenine |
| Н | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| Н | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | amino acid | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | amino acid | CH ₃ | S | Thymine |
| amino acid | amino acid | CH ₃ | S | Uracil |
| amino acid | amino acid | CH ₃ | S | Guanine |
| amino acid | amino acid | CH ₃ | S | Cytosine |
| amino acid | amino acid | CH ₃ | S | Adenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | amino acid | CH ₃ | S | Hypoxanthine |
| amino acid | amino acid | CH ₃ | S | 5-Fluorouracil |
| amino acid | amino acid | CH ₃ | S | 8-Fluoroguanine |
| amino acid | amino acid | CH ₃ | S | 5-Fluorocytosine |
| amino acid | amino acid | CH ₃ | S | 8-Fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2-Fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2,8-Difluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2-Fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 8-Fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 2-Aminoadenine |
| amino acid | amino acid | CH ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 2-Aminohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetylguanine |
| amino acid | amino acid | CH ₃ | S | 4-N-acetylcytosine |
| amino acid | amino acid | CH ₃ | S | 6-N-acetyladenine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | amino acid | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | amino acid | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | amino acid | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | amino acid | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetylaminoadenine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | amino acid | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | H | CH ₃ | S | Thymine |
| amino acid | H | CH ₃ | S | Uracil |
| amino acid | Н | CH ₃ | S | Guanine |
| amino acid | Н | CH ₃ | S | Cytosine |
| amino acid | Н | CH ₃ | S | Adenine |
| amino acid | Н | CH ₃ | S | Hypoxanthine |
| amino acid | H | CH ₃ | S | 5-Fluorouracil |
| amino acid | H | CH ₃ | S | 8-Fluoroguanine |
| amino acid | H | CH ₃ | S | 5-Fluorocytosine |
| amino acid | H | CH ₃ | S | 8-Fluoroadenine |
| amino acid | Н | CH ₃ | S | 2-Fluoroadenine |
| amino acid | H | CH ₃ | S | 2,8-Difluoroadenine |
| amino acid | H | CH ₃ | S | 2-Fluorohypoxanthine |
| amino acid | H | CH ₃ | S | 8-Fluorohypoxanthine |
| amino acid | H | CH ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | H | CH ₃ | S | 2-Aminoadenine |
| amino acid | H | CH ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | H | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | H | CH ₃ | S | 2-Aminohypoxanthine |
| amino acid | H | CH ₃ | S | 2-N-acetylguanine |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | Н | CH ₃ | S | 4-N-acetylcytosine |
| amino acid | Н | CH ₃ | S | 6-N-acetyladenine |
| amino acid | Н | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | Н | CH ₃ | s | 4-N-acetyl-5-fluorocytosine |
| amino acid | Н | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | H | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | H | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | H | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | H | CH ₁ | S | 2-N-acetylaminoadenine |
| amino acid | H | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | H | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | H | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | acyl | CH ₃ | S | Thymine |
| amino acid | acyl | CH ₃ | S | Uracil |
| amino acid | acyl | CH ₃ | s | Guanine |
| amino acid | acyl | CH ₃ | s | Cytosine |
| amino acid | acyl | CH ₃ | S | Adenine |
| amino acid | acyl | CH ₃ | S | Hypoxanthine |
| amino acid | acyl | CH ₃ | S | 5-Fluorouracil |
| amino acid | acyl | CH ₃ | S | 8-Fluoroguanine |
| amino acid | acyl | CH ₃ | S | 5-Fluorocytosine |
| amino acid | acyl | CH ₃ | S | 8-Fluoroadenine |
| amino acid | acyl | CH ₃ | S | 2-Fluoroadenine |
| amino acid | acyl | CH ₃ | S | 2,8-Difluoroadenine |
| amino acid | | CH ₃ | S | 2-Fluorohypoxanthine |
| amino acid | acyl | CH ₃ | S | 8-Fluorohypoxanthine |
| amino acid | acyl | CH ₃ | S | 2,8-Difluorohypoxanthine |
| | acyl | CH ₃ | S | 2-Aminoadenine |
| amino acid | acyl | CH ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | acyl | | S | <u> </u> |
| amino acid | acyl | CH ₃ | S | 2-Aminohypoxanthine |
| amino acid | acyl | CH ₃ | 1 | 2-N-acetylguanine |
| amino acid | acyl | | S | 4-N-acetylcytosine |
| amino acid | acyl | CH ₃ | | 6-N-acetyladenine |
| amino acid | acyl | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | acyl | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | acyl | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | acyl | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | acyl | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | acyl | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | S | 2-N-acetylaminoadenine |
| amino acid | acyl | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | acyl | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | acyl | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | Н | CF ₃ | S | Thymine |
| acyl | Н | CF ₃ | S | Uracil |
| acyl | H | CF ₃ | S | Guanine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---------------|--------------------------------------|
| acyl | Н | CF ₃ | S | Cytosine |
| acyl | Н | CF ₃ | S | Adenine |
| acyl | Н | CF ₃ | S | Hypoxanthine |
| acyl | Н | CF ₃ | S | 5-Fluorouracil |
| acyl | Н | CF ₃ | S | 8-Fluoroguanine |
| acyl | Н | CF ₃ | S | 5-Fluorocytosine |
| acyl | Н | CF ₃ | S | 8-Fluoroadenine |
| acyl | Н | CF ₃ | S | 2-Fluoroadenine |
| acyl | Н | CF ₃ | S | 2,8-Difluoroadenine |
| acyl | H | CF ₃ | S | 2-Fluorohypoxanthine |
| acyl | Н | CF ₃ | S | 8-Fluorohypoxanthine |
| acyl | Н | CF ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | H | CF ₃ | s | 2-Aminoadenine |
| acyl | H | CF ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | Н | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | H | CF ₃ | S | 2-Aminohypoxanthine |
| acyl | H | CF ₃ | S | 2-N-acetylguanine |
| acyl | H | CF ₃ | S | 4-N-acetylcytosine |
| acyl | Н | CF ₃ | s | 6-N-acetyladenine |
| acyl | H | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | H | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | H | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | H | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | Н | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | H | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | Н | CF ₃ | S | 2-N-acetylaminoadenine |
| acyl | Н | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | H | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | Н | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | acyl | CF ₃ | S | Thymine |
| acyl | acyl | CF ₃ | S | Uracil |
| acyl | acyl | CF ₃ | S | Guanine |
| acyl | acyl | CF ₃ | S | Cytosine |
| acyl | acyl | CF ₃ | S | Adenine |
| acyl | acyl | CF ₃ | S | Hypoxanthine |
| acyl | acyl | CF ₃ | S | 5-Fluorouracil |
| acyl | acyl | CF ₃ | S | 8-Fluoroguanine |
| acyl | acyl | CF ₃ | S | 5-Fluorocytosine |
| acyl | acyl | CF ₃ | S | 8-Fluoroadenine |
| acyl | acyl | CF ₃ | S | 2-Fluoroadenine |
| acyl | acyl | CF ₃ | S | 2,8-Difluoroadenine |
| acyl | acyl | CF ₃ | S | 2-Fluorohypoxanthine |
| acyl | acyl | CF ₃ | $\frac{1}{s}$ | 8-Fluorohypoxanthine |
| acyl | acyl | CF ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | acyl | CF ₃ | S | 2-Aminoadenine |
| acyl | acyl | CF ₃ | S | 2-Amino-8-fluoroadenine |
| Lacvi | | | | , |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| acyl | acyl | CF ₃ | S | 2-Aminohypoxanthine |
| acyl | acyl | CF ₃ | S | 2-N-acetylguanine |
| acyl | acyl | CF ₃ | S | 4-N-acetylcytosine |
| acyl | acyl | CF ₃ | S | 6-N-acetyladenine |
| acyl | acyl | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | acyl | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | acyl | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | acyl | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | acyl | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | acyl | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | acyl | CF ₃ | S | 2-N-acetylaminoadenine |
| acyl | acyl | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | acyl | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | acyl | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | amino acid | CF ₃ | S | Thymine |
| acyl | amino acid | CF ₃ | S | Uracil |
| acyl | amino acid | CF ₃ | S | Guanine |
| acyl | amino acid | CF ₃ | S | Cytosine |
| acyl | amino acid | CF ₃ | S | Adenine |
| acyl | amino acid | CF ₃ | S | Hypoxanthine |
| acyl | amino acid | CF ₃ | S | 5-Fluorouracil |
| acyl | amino acid | CF ₃ | S | 8-Fluoroguanine |
| acyl | amino acid | CF ₃ | S | 5-Fluorocytosine |
| acyl | amino acid | CF ₃ | S | 8-Fluoroadenine |
| acyl | amino acid | CF ₃ | S | 2-Fluoroadenine |
| acyl | amino acid | CF ₃ | S | 2,8-Difluoroadenine |
| acyl | amino acid | CF ₃ | S | 2-Fluorohypoxanthine |
| acyl | amino acid | CF ₃ | S | 8-Fluorohypoxanthine |
| acyl | amino acid | CF ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | amino acid | CF ₃ | S | 2-Aminoadenine |
| acyl | amino acid | CF ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | amino acid | CF ₃ | S | 2-Aminohypoxanthine |
| acyl | amino acid | CF ₃ | S | 2-N-acetylguanine |
| acyl | amino acid | CF ₃ | S | 4-N-acetylcytosine |
| acyl | amino acid | CF ₃ | S | 6-N-acetyladenine |
| acyl | amino acid | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | amino acid | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | amino acid | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | amino acid | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | amino acid | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | amino acid | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | S | 2-N-acetylaminoadenine |
| acyl | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | amino acid | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| H | acyl | CF ₃ | S | Thymine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|------------|--------------------------------------|
| H | acyl | CF ₃ | S | Uracil |
| Н | acyl | CF ₃ | S | Guanine |
| Н | acyl | CF ₃ | S | Cytosine |
| Н | acyl | CF ₃ | S | Adenine |
| Н | acyl | CF ₃ | S | Hypoxanthine |
| H | acyl | CF ₃ | S | 5-Fluorouracil |
| H | acyl | CF ₃ | S | 8-Fluoroguanine |
| Н | acyl | CF ₃ | S | 5-Fluorocytosine |
| Н | acyl | CF ₃ | S | 8-Fluoroadenine |
| Н | acyl | CF ₃ | S | 2-Fluoroadenine |
| Н | acyl | CF ₃ | S | 2,8-Difluoroadenine |
| Н | acyl | CF ₃ | S | 2-Fluorohypoxanthine |
| Н | acyl | CF ₃ | S | 8-Fluorohypoxanthine |
| Н | acyl | CF ₃ | S | 2,8-Difluorohypoxanthine |
| Н | acyl | CF ₃ | S | 2-Aminoadenine |
| Н | acyl | CF ₃ | S | 2-Amino-8-fluoroadenine |
| Н | acyl | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| Н | acyl | CF ₃ | S | 2-Aminohypoxanthine |
| H | acyl | CF ₃ | S | 2-N-acetylguanine |
| Н | acyl | CF ₃ | S | 4-N-acetylcytosine |
| H | acyl | CF ₃ | S | 6-N-acetyladenine |
| H | acyl | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| Н | acyl | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| Н | acyl | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| H | acyl | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| Н | acyl | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| Н | acyl | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| Н | acyl | CF ₃ | S | 2-N-acetylaminoadenine |
| Н | acyl | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| Н | acyl | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | acyl | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| Н | amino acid | CF ₃ | S | Thymine |
| Н | amino acid | CF ₃ | S | Uracil |
| Н | amino acid | CF ₃ | S | Guanine |
| H | amino acid | CF ₃ | S | Cytosine |
| Н | amino acid | CF ₃ | S | Adenine |
| H | amino acid | CF ₃ | S | Hypoxanthine |
| H | amino acid | CF ₃ | S | 5-Fluorouracil |
| H | amino acid | CF ₃ | S | 8-Fluoroguanine |
| Н | amino acid | CF ₃ | S | 5-Fluorocytosine |
| H | amino acid | CF ₃ | S | 8-Fluoroadenine |
| H | amino acid | CF ₃ | S | 2-Fluoroadenine |
| H | amino acid | CF ₃ | S | 2,8-Difluoroadenine |
| H | amino acid | CF ₃ | S | 2-Fluorohypoxanthine |
| H | amino acid | CF ₃ | S | 8-Fluorohypoxanthine |
| H | amino acid | CF ₃ | S | 2,8-Difluorohypoxanthine |
| H | amino acid | CF ₃ | <u> S</u> | 2-Aminoadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----|---|
| H | amino acid | CF ₃ | S | 2-Amino-8-fluoroadenine |
| Н | amino acid | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| Н | amino acid | CF ₃ | S | 2-Aminohypoxanthine |
| Н | amino acid | CF ₃ | S | 2-N-acetylguanine |
| Н | amino acid | CF ₃ | S | 4-N-acetylcytosine |
| H | amino acid | CF ₃ | S | 6-N-acetyladenine |
| H | amino acid | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| H | amino acid | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| H | amino acid | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| H | amino acid | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| H | amino acid | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| H | amino acid | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| H | amino acid | CF ₃ | S | 2-N-acetylaminoadenine |
| H | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| H | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| H | amino acid | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | amino acid | CF ₃ | S | Thymine |
| amino acid | amino acid | CF ₃ | S | Uracil |
| amino acid | amino acid | CF ₃ | S | Guanine |
| amino acid | amino acid | CF ₃ | S | Cytosine |
| amino acid | amino acid | CF ₃ | s | Adenine |
| amino acid | amino acid | CF ₃ | S | Hypoxanthine |
| amino acid | amino acid | CF ₃ | S | 5-Fluorouracil |
| amino acid | amino acid | CF ₃ | S | 8-Fluoroguanine |
| amino acid | amino acid | CF ₃ | S | 5-Fluorocytosine |
| amino acid | amino acid | CF ₃ | S | 8-Fluoroadenine |
| amino acid | amino acid | CF ₃ | S | 2-Fluoroadenine |
| amino acid | amino acid | CF ₃ | Š | 2,8-Difluoroadenine |
| amino acid | amino acid | CF ₃ | S | 2-Fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | S | 8-Fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | amino acid | CF ₃ | S | 2-Aminoadenine |
| amino acid | amino acid | CF ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | amino acid | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | S | 2-Aminohypoxanthine |
| amino acid | amino acid | CF ₃ | S | 2-N-acetylguanine |
| amino acid | amino acid | CF ₃ | S | 4-N-acetylcytosine |
| amino acid | amino acid | CF ₃ | S | 6-N-acetyladenine |
| amino acid | amino acid | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | amino acid | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | amino acid | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | amino acid | CF ₃ | s | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | amino acid | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | amino acid | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | amino acid | CF ₃ | S | 2-N-acetylaminoadenine |
| amino acid | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| | amino acid | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | ammo aciu | 1 C1.3 | 13 | 2-14-acciyiaiiiiilo-o-iiuoioiiypoxaiiiilile |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | amino acid | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | H | CF ₃ | S | Thymine |
| amino acid | Н | CF ₃ | S | Uracil |
| amino acid | Н | CF ₃ | S | Guanine |
| amino acid | Н | CF ₃ | S | Cytosine |
| amino acid | Н | CF ₃ | S | Adenine |
| amino acid | Н | CF ₃ | S | Hypoxanthine |
| amino acid | Н | CF ₃ | S | 5-Fluorouracil |
| amino acid | Н | CF ₃ | S | 8-Fluoroguanine |
| amino acid | Н | CF ₃ | S | 5-Fluorocytosine |
| amino acid | Н | CF ₃ | S | 8-Fluoroadenine |
| amino acid | Н | CF ₃ | S | 2-Fluoroadenine |
| amino acid | Н | CF ₃ | S | 2,8-Difluoroadenine |
| amino acid | Н | CF ₃ | S | 2-Fluorohypoxanthine |
| amino acid | H | CF ₃ | S | 8-Fluorohypoxanthine |
| amino acid | Н | CF ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | H | CF ₃ | S | 2-Aminoadenine |
| amino acid | Н | CF ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | H | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | H | CF ₃ | S | 2-Aminohypoxanthine |
| amino acid | H | CF ₃ | S | 2-N-acetylguanine |
| amino acid | Н | CF ₃ | S | 4-N-acetylcytosine |
| amino acid | H | CF ₃ | S | 6-N-acetyladenine |
| amino acid | H | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | Н . | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | Н | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | Н | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | Н | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | Н | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | Н | CF ₃ | S | 2-N-acetylaminoadenine |
| amino acid | Н | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | Н | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | Н | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | acyl | CF ₃ | S | Thymine |
| amino acid | acyl | CF ₃ | S | Uracil |
| amino acid | acyl | CF ₃ | S | Guanine |
| amino acid | acyl | CF ₃ | S | Cytosine |
| amino acid | acyl | CF ₃ | S | Adenine |
| amino acid | acyl | CF ₃ | S | Hypoxanthine |
| amino acid | acyl | CF ₃ | S | 5-Fluorouracil |
| amino acid | acyl | CF ₃ | S | 8-Fluoroguanine |
| amino acid | acyl | CF ₃ | S | 5-Fluorocytosine |
| amino acid | acyl | CF ₃ | S | 8-Fluoroadenine |
| amino acid | acyl | CF ₃ | S | 2-Fluoroadenine |
| amino acid | acyl | CF ₃ | S | 2,8-Difluoroadenine |
| amino acid | acyl | CF ₃ | S | 2-Fluorohypoxanthine |
| amino acid | acyl | CF ₃ | s | 8-Fluorohypoxanthine |
| | 1 / - | 1 -2 3 | | morony ponuntumo |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----|---|
| amino acid | acyl | CF ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | acyl | CF ₃ | S | 2-Aminoadenine |
| amino acid | acyl | CF ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | acyl | CF ₃ | S | 2-Aminohypoxanthine |
| amino acid | acyl | CF ₃ | S | 2-N-acetylguanine |
| amino acid | acyl | CF ₃ | S | 4-N-acetylcytosine |
| amino acid | acyl | CF ₃ | S | 6-N-acetyladenine |
| amino acid | acyl | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | acyl | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | acyl | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | acyl | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | acyl | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | acyl | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | S | 2-N-acetylaminoadenine |
| amino acid | acyl | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | acyl | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | Н | CF ₃ | ō | Thymine |
| acyl | H | CF ₃ | ŏ | Uracil |
| acyl | H | CF ₃ | ō | Guanine |
| acyl | H | CF ₃ | ō | Cytosine |
| acyl | H | CF ₃ | ō | Adenine |
| acyl | Н | CF ₃ | ŏ | Hypoxanthine |
| acyl | H | CF ₃ | ŏ | 5-Fluorouracil |
| acyl | H | CF ₃ | ŏ | 8-Fluoroguanine |
| acyl | H | CF ₃ | ŏ | 5-Fluorocytosine |
| acyl | Н | CF ₃ | ŏ | 8-Fluoroadenine |
| acyl | H | CF ₃ | ō | 2-Fluoroadenine |
| acyl | Н | CF ₃ | ŏ | 2,8-Difluoroadenine |
| acyl | H | CF ₃ | ō | 2-Fluorohypoxanthine |
| acyl | H | CF ₃ | ŏ | 8-Fluorohypoxanthine |
| acyl | Н | CF ₃ | ŏ | 2,8-Difluorohypoxanthine |
| acyl | H | CF ₃ | lŏ | 2-Aminoadenine |
| acyl | H | CF ₃ | lŏ | 2-Amino-8-fluoroadenine |
| acyl | H | CF ₃ | 6 | 2-Amino-8-fluorohypoxanthine |
| acyl | H | CF ₃ | ŏ | 2-Amino-s-ndoronypoxantime 2-Aminohypoxanthine |
| | H | CF ₃ | ŏ | 2-N-acetylguanine |
| acyl | H | CF ₃ | 0 | 4-N-acetylcytosine |
| acyl | H | CF ₃ | 0 | 6-N-acetyladenine |
| acyl | H | | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | | CF ₃ | + | |
| acyl | H | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | H | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | H | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | H | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | H | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | H | CF ₃ | 0 | 2-N-acetylaminoadenine |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-------------------|---|--------------------------------------|
| acyl | H | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | Н | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | Н | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | acyl | CF ₃ | 0 | Thymine |
| acyl | acyl | CF ₃ | 0 | Uracil |
| acyl | acyl | CF ₃ | 0 | Guanine |
| acyl | acyl | CF ₃ | 0 | Cytosine |
| acyl | acyl | CF ₃ | 0 | Adenine |
| acyl | acyl | CF ₃ | 0 | Hypoxanthine |
| acyl | acyl | CF ₃ | 0 | 5-Fluorouracil |
| acyl | acyl | CF ₃ | 0 | 8-Fluoroguanine |
| acyl | acyl | CF ₃ | 0 | 5-Fluorocytosine |
| acyl | acyl | CF ₃ | 0 | 8-Fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2-Fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2,8-Difluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 2-Aminoadenine |
| acyl | acyl | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 2-Aminohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetylguanine |
| acyl | acyl | CF ₃ | 0 | 4-N-acetylcytosine |
| acyl | acyl | CF ₃ | 0 | 6-N-acetyladenine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | acyl | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | acyl | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | acyl | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | acyl | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | acyl | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | Thymine |
| acyl | amino acid | CF ₃ | 0 | Uracil |
| acyl | amino acid | CF ₃ | 0 | Guanine |
| acyl | amino acid | CF ₃ | 0 | Cytosine |
| acyl | amino acid | CF ₃ | 0 | Adenine |
| acyl | amino acid | CF ₃ | 0 | Hypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 5-Fluorouracil |
| acyl | amino acid | CF ₃ _ | 0 | 8-Fluoroguanine |
| acyl | amino acid | CF ₃ | 0 | 5-Fluorocytosine |
| acyl | amino acid | CF ₃ | 0 | 8-Fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 2-Fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 2,8-Difluoroadenine |

| \mathbb{R}^2 | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----|--------------------------------------|
| acyl | amino acid | CF ₃ | 0. | 2-Fluorohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 2-Aminoadenine |
| acyl | amino acid | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 2-Aminohypoxanthine |
| acyl | amino acid | CF ₃ | O | 2-N-acetylguanine |
| acyl | amino acid | CF ₃ | 0 | 4-N-acetylcytosine |
| acyl | amino acid | CF ₃ | 0 | 6-N-acetyladenine |
| acyl | amino acid | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | amino acid | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | amino acid | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | amino acid | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | amino acid | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| Н | acyl | CF ₃ | 0 | Thymine |
| Н | acyl | CF ₃ | 0 | Uracil |
| Н | acyl | CF ₃ | 0 | Guanine |
| Н | acyl | CF ₃ | 0 | Cytosine |
| Н | acyl | CF ₃ | 0 | Adenine |
| Н | acyl | CF ₃ | 0 | Hypoxanthine |
| H | acyl | CF ₃ | 0 | 5-Fluorouracil |
| Н | acyl | CF ₃ | 0 | 8-Fluoroguanine |
| Н | acyl | CF ₃ | 0 | 5-Fluorocytosine |
| Н | acyl | CF ₃ | 0 | 8-Fluoroadenine |
| H | acyl | CF ₃ | 0 | 2-Fluoroadenine |
| Н | acyl | CF ₃ | 0 | 2,8-Difluoroadenine |
| Н | acyl | CF ₃ | 0 | 2-Fluorohypoxanthine |
| Н | acyl | CF ₃ | 0 | 8-Fluorohypoxanthine |
| Н | acyl | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| Н | acyl | CF ₃ | 0 | 2-Aminoadenine |
| Н | acyl | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| Н | acyl | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| Н | acyl | CF ₃ | 0 | 2-Aminohypoxanthine |
| Н | acyl | CF ₃ | 0 | 2-N-acetylguanine |
| Н | acyl | CF ₃ | 0 | 4-N-acetylcytosine |
| Н | acyl | CF ₃ | 0 | 6-N-acetyladenine |
| Н | acyl | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| Н | acyl | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| H | acyl | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| H | acyl | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| H | acyl | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|-----------|--------------------------------------|
| H | acyl | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| Н | acyl | CF ₃ | 0 | 2-N-acetylaminoadenine |
| Н | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| Н | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | acyl | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| H | amino acid | CF ₃ | 0 | Thymine |
| Н | amino acid | CF ₃ | 0 | Uracil |
| Н | amino acid | CF ₃ | Ō | Guanine |
| H | amino acid | CF ₃ | Ō | Cytosine |
| Н | amino acid | CF ₃ | 0 | Adenine |
| H | amino acid | CF ₃ | Ō | Hypoxanthine |
| Н | amino acid | CF ₃ | Ō | 5-Fluorouracil |
| H | amino acid | CF ₃ | ō | 8-Fluoroguanine |
| H | amino acid | CF ₃ | ō | 5-Fluorocytosine |
| H | amino acid | CF ₃ | $\bar{0}$ | 8-Fluoroadenine |
| Н | amino acid | CF ₃ | ō | 2-Fluoroadenine |
| Н | amino acid | CF ₃ | Ō | 2,8-Difluoroadenine |
| Н | amino acid | CF ₃ | o | 2-Fluorohypoxanthine |
| Н | amino acid | CF ₃ | O | 8-Fluorohypoxanthine |
| Н | amino acid | CF ₃ | Ō | 2,8-Difluorohypoxanthine |
| H | amino acid | CF ₃ | 0 | 2-Aminoadenine |
| Н | amino acid | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| H | amino acid | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| Н | amino acid | CF ₃ | 0 | 2-Aminohypoxanthine |
| Н | amino acid | CF ₃ | 0 | 2-N-acetylguanine |
| Н | amino acid | CF ₃ | 0 | 4-N-acetylcytosine |
| Н | amino acid | CF ₃ | 0 | 6-N-acetyladenine |
| Н | amino acid | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| H | amino acid | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| Н | amino acid | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| Н | amino acid | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| H | amino acid | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| Н | amino acid | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| H | amino acid | CF ₃ | 0 | 2-N-acetylaminoadenine |
| Н | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| H | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| Н | amino acid | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | Thymine |
| amino acid | amino acid | CF ₃ | 0 | Uracil |
| amino acid | amino acid | CF ₃ | 0 | Guanine |
| amino acid | amino acid | CF ₃ | 0 | Cytosine |
| amino acid | amino acid | CF ₃ | 0 | Adenine |
| amino acid | amino acid | CF ₃ | 0 | Hypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 5-Fluorouracil |
| amino acid | amino acid | CF ₃ | 0 | 8-Fluoroguanine |
| amino acid | amino acid | CF ₃ | 0 | 5-Fluorocytosine |
| amino acid | amino acid | CF ₃ | 0 | 8-Fluoroadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|----------------|--------------------------------------|
| amino acid | amino acid | CF ₃ | 0 | 2-Fluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 2-Aminoadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | amino acid | CF ₃ | 0 | 2-N-acetylguanine |
| amino acid | amino acid | CF ₃ | 0 | 4-N-acetylcytosine |
| amino acid | amino acid | CF ₃ | 0 | 6-N-acetyladenine |
| amino acid | amino acid | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | amino acid | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | amino acid | CF ₃ | О | 6-N-acetyl-2-fluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | amino acid | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | amino acid | CF ₃ | Ō | 2-N-acetylaminohypoxanthine |
| amino acid | Н | CF ₃ | 0 | Thymine |
| amino acid | H | CF ₃ | Ō | Uracil |
| amino acid | H | CF ₃ | 0 | Guanine |
| amino acid | H | CF ₃ | 0 | Cytosine |
| amino acid | H | CF ₃ | 0 | Adenine |
| amino acid | Н | CF ₃ | 0 | Hypoxanthine |
| amino acid | Н | CF ₃ | 0 | 5-Fluorouracil |
| amino acid | Н | CF ₃ | 0 | 8-Fluoroguanine |
| amino acid | Н | CF ₃ | 0 | 5-Fluorocytosine |
| amino acid | H | CF ₃ | 0 | 8-Fluoroadenine |
| amino acid | H | CF ₃ | Ō | 2-Fluoroadenine |
| amino acid | H | CF ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | H | CF ₃ | Ō | 2-Fluorohypoxanthine |
| amino acid | H | CF ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | H | CF ₃ | ō | 2,8-Difluorohypoxanthine |
| amino acid | H | CF ₃ | 0 | 2-Aminoadenine |
| amino acid | H | CF ₃ | $\frac{1}{0}$ | 2-Amino-8-fluoroadenine |
| amino acid | H | CF ₃ | $\frac{1}{0}$ | 2-Amino-8-fluorohypoxanthine |
| amino acid | H | CF ₃ | 10 | 2-Aminohypoxanthine |
| amino acid | H | CF ₃ | 0 | 2-N-acetylguanine |
| | H | CF ₃ | 0 | 4-N-acetylcytosine |
| amino acid | | CF ₃ | 0 | 6-N-acetyladenine |
| amino acid | H | | 0 | |
| amino acid | H | CF ₃ | | 2-N-acetyl-8-fluoroguanine |
| amino acid | H | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | Н | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |

| R ² | R ³ | R ⁶ | X | Base |
|----------------|----------------|-----------------|---|--------------------------------------|
| amino acid | Н | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | H | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | Н | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | H | CF ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | H | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | Н | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | Н | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | Thymine |
| amino acid | acyl | CF ₃ | 0 | Uracil |
| amino acid | acyl | CF ₃ | 0 | Guanine |
| amino acid | acyl | CF ₃ | 0 | Cytosine |
| amino acid | acyl | CF ₃ | 0 | Adenine |
| amino acid | acyl | CF ₃ | 0 | Hypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 5-Fluorouracil |
| amino acid | acyl | CF ₃ | 0 | 8-Fluoroguanine |
| amino acid | acyl | CF ₃ | 0 | 5-Fluorocytosine |
| amino acid | acyl | CF ₃ | 0 | 8-Fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2-Fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 2-Aminoadenine |
| amino acid | acyl | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetylguanine |
| amino acid | acyl | CF ₃ | 0 | 4-N-acetylcytosine |
| amino acid | acyl | CF ₃ | 0 | 6-N-acetyladenine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | acyl | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | acyl | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | acyl | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | acyl | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |

Table 16

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| acyl | CH ₃ | 0 | Thymine |
| acyl | CH ₃ | 0 | Uracil |
| acyl | CH ₃ | 0 | Guanine |
| acyl | CH ₃ | Q | Cytosine |
| acyl | CH ₃ | 0 | Adenine |
| acyl | CH ₃ | 0 | Hypoxanthine |
| acyl | CH ₃ | 0 | 5-Fluorouracil |
| acyl | CH ₃ | 0 | 8-Fluoroguanine |
| acyl | CH ₃ | 0 | 5-Fluorocytosine |
| acyl | CH ₃ | 0 | 8-Fluoroadenine |
| acyl | CH ₃ | 0 | 2-Fluoroadenine |
| acyl | CH ₃ | 0 | 2,8-Difluoroadenine |
| acyl | CH ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | CH ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-Aminoadenine |
| acyl | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-Aminohypoxanthine |
| acyl | CH ₃ | 0 | 2-N-acetylguanine |
| acyl | CH ₃ | 0 | 4-N-acetylcytosine |
| acyl | CH ₃ | 0 | 6-N-acetyladenine |
| acyl | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | CH₃ | 0 | Thymine |
| amino acid | CH ₃ | 0 | Uracil |
| amino acid | CH₃ | 0 | Guanine |
| amino acid | CH ₃ | 0 | Cytosine |
| amino acid | CH ₃ | 0 | Adenine |
| amino acid | CH₃ | 0 | Hypoxanthine |
| amino acid | CH₃ | 0 | 5-Fluorouracil |
| amino acid | CH ₃ | 0 | 8-Fluoroguanine |
| amino acid | CH ₃ | 0 | 5-Fluorocytosine |
| amino acid | CH ₃ | 0 | 8-Fluoroadenine |
| amino acid | CH ₃ | 0 | 2-Fluoroadenine |
| amino acid | CH ₃ | 0 | 2,8-Difluoroadenine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| amino acid | CH ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2-Aminoadenine |
| amino acid | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | CH ₃ | 0 | 2-N-acetylguanine |
| amino acid | CH ₃ | 0 | 4-N-acetylcytosine |
| amino acid | CH ₃ | 0 | 6-N-acetyladenine |
| amino acid | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CH ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CH₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CH₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | CH₃ | S | Thymine |
| acyl | CH₃ | S | Uracil, |
| acyl | CH ₃ | S | Guanine |
| acyl | CH ₃ | S | Cytosine |
| acyl | CH ₃ | S | Adenine |
| acyl | CH ₃ | S | Hypoxanthine |
| acyl | CH ₃ | S | 5-Fluorouracil |
| acyl | CH ₃ | S | 8-Fluoroguanine |
| acyl | CH ₃ | S | 5-Fluorocytosine |
| acyl | CH ₃ | S | 8-Fluoroadenine |
| acyl | CH ₃ | S | 2-Fluoroadenine |
| acyl | CH ₃ | S | 2,8-Difluoroadenine |
| acyl | CH ₃ | S | 2-Fluorohypoxanthine |
| acyl | CH ₃ | S | 8-Fluorohypoxanthine |
| acyl | CH ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | CH ₃ | S | 2-Aminoadenine |
| acyl | CH ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | CH ₃ | S | 2-Aminohypoxanthine |
| acyl | CH ₃ | S | 2-N-acetylguanine |
| acyl | CH ₃ | S | 4-N-acetylcytosine |
| acyl | CH ₃ | S | 6-N-acetyladenine |
| acyl | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| acyl | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-N-acetylaminoadenine |
| acyl | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | CH ₃ | S | Thymine |
| amino acid | CH ₃ | S | Uracil |
| amino acid | CH ₃ | S | Guanine |
| amino acid | CH ₃ | S | Cytosine |
| amino acid | CH ₃ | S | Adenine |
| amino acid | CH ₃ | S | Hypoxanthine |
| amino acid | CH ₃ | S | 5-Fluorouracil |
| amino acid | CH ₃ | S | 8-Fluoroguanine |
| amino acid | CH ₃ | S | 5-Fluorocytosine |
| amino acid | CH ₃ | S | 8-Fluoroadenine |
| amino acid | CH ₃ | S | 2-Fluoroadenine |
| amino acid | CH ₃ | S | 2,8-Difluoroadenine |
| amino acid | CH ₃ | S | 2-Fluorohypoxanthine |
| amino acid | CH ₃ | S | 8-Fluorohypoxanthine |
| amino acid | CH ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | CH ₃ | S | 2-Aminoadenine |
| amino acid | CH ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | CH ₃ | S | 2-Aminohypoxanthine |
| amino acid | CH ₃ | S | 2-N-acetylguanine |
| amino acid | CH ₃ | S | 4-N-acetylcytosine |
| amino acid | CH ₃ | S | 6-N-acetyladenine |
| amino acid | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | CH₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-N-acetylaminoadenine |
| amino acid | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | CF ₃ | 0 | Thymine |
| acyl | CF ₃ | 0 | Uracil |
| acyl | CF ₃ | 0 | Guanine |
| acyl | CF ₃ | 0 | Cytosine |
| acyl | CF ₃ | 0 | Adenine |
| acyl | CF ₃ | 0 | Hypoxanthine |
| acyl | CF ₃ | 0 | 5-Fluorouracil |
| acyl | CF ₃ | 0 | 8-Fluoroguanine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|----|--------------------------------------|
| acyl | CF ₃ | 0 | 5-Fluorocytosine |
| acyl | CF ₃ | 0 | 8-Fluoroadenine |
| acyl | CF ₃ | 0 | 2-Fluoroadenine |
| acyl | CF ₃ | 0 | 2,8-Difluoroadenine |
| acyl | CF ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | CF ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-Aminoadenine |
| acyl | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-Aminohypoxanthine |
| acyl | CF ₃ | 0 | 2-N-acetylguanine |
| acyl | CF ₃ | 0 | 4-N-acetylcytosine |
| acyl | CF ₃ | 0 | 6-N-acetyladenine |
| acyl | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | CF ₃ | 0_ | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | CF ₃ | 0 | Thymine |
| amino acid | CF ₃ | 0 | Uracil |
| amino acid | CF ₃ | 0 | Guanine |
| amino acid | CF ₃ | 0 | Cytosine |
| amino acid | CF ₃ | 0 | Adenine |
| amino acid | CF ₃ | 0 | Hypoxanthine |
| amino acid | CF ₃ | 0 | 5-Fluorouracil |
| amino acid | CF ₃ | 0 | 8-Fluoroguanine |
| amino acid | CF ₃ | 0 | 5-Fluorocytosine |
| amino acid | CF ₃ | 0 | 8-Fluoroadenine |
| amino acid | CF ₃ | 0 | 2-Fluoroadenine |
| amino acid | CF ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | CF ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | CF ₃ | 0_ | 8-Fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-Aminoadenine |
| amino acid | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | CF ₃ | 0 | 2-N-acetylguanine |
| amino acid | CF ₃ | 0 | 4-N-acetylcytosine |
| amino acid | CF ₃ | 0 | 6-N-acetyladenine |

| \mathbb{R}^2 | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| amino acid | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CF ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | CF ₃ | S | Thymine |
| acyl | CF ₃ | S | Uracil |
| acyl | CF ₃ | S | Guanine |
| acyl | CF ₃ | S | Cytosine |
| acyl | CF ₃ | S | Adenine |
| acyl | CF ₃ | S | Hypoxanthine |
| acyl | CF ₃ | S | 5-Fluorouracil |
| acyl | CF ₃ | S | 8-Fluoroguanine |
| acyl | CF ₃ | S | 5-Fluorocytosine |
| acyl | CF ₃ | S | 8-Fluoroadenine |
| acyl | CF ₃ | S | 2-Fluoroadenine |
| acyl | CF ₃ | S | 2,8-Difluoroadenine |
| acyl | CF ₃ | S | 2-Fluorohypoxanthine |
| acyl | CF ₃ | S | 8-Fluorohypoxanthine |
| acyl | CF ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | CF ₃ | S | 2-Aminoadenine |
| acyl | CF ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | CF ₃ | S | 2-Aminohypoxanthine |
| acyl | CF ₃ | S | 2-N-acetylguanine |
| acyl | CF ₃ | S | 4-N-acetylcytosine |
| acyl | CF ₃ | S | 6-N-acetyladenine |
| acyl | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-N-acetylaminoadenine |
| acyl | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| amino acid | CF ₃ | S | Thymine |
| amino acid | CF ₃ | S | Uracil |
| amino acid | CF ₃ | S | Guanine |
| amino acid | CF ₃ | S | Cytosine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| amino acid | CF ₃ | S | Adenine |
| amino acid | CF ₃ | S | Hypoxanthine |
| amino acid | CF ₃ | S | 5-Fluorouracil |
| amino acid | CF ₃ | S | 8-Fluoroguanine |
| amino acid | CF ₃ | S | 5-Fluorocytosine |
| amino acid | CF ₃ | S | 8-Fluoroadenine |
| amino acid | CF ₃ | S | 2-Fluoroadenine |
| amino acid | CF ₃ | S | 2,8-Difluoroadenine |
| amino acid | CF ₃ | S | 2-Fluorohypoxanthine |
| amino acid | CF ₃ | S | 8-Fluorohypoxanthine |
| amino acid | CF ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | CF ₃ | S | 2-Aminoadenine |
| amino acid | CF ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | CF ₃ | S | 2-Aminohypoxanthine |
| amino acid | CF ₃ | S | 2-N-acetylguanine |
| amino acid | CF ₃ | S | 4-N-acetylcytosine |
| amino acid | CF ₃ | S | 6-N-acetyladenine |
| amino acid | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-N-acetylaminoadenine |
| amino acid | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CF ₃ | S | 2-N-acetylaminohypoxanthine |

Table 17

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| amino acid | CH ₃ | 0 | Thymine |
| amino acid | CH ₃ | 0 | Uracil |
| amino acid | CH ₃ | 0 | Guanine |
| amino acid | CH ₃ | 0 | Cytosine |
| amino acid | CH ₃ | 0 | Adenine |
| amino acid | CH ₃ | 0 | Hypoxanthine |
| amino acid | CH ₃ | 0 | 5-Fluorouracil |
| amino acid | CH ₃ | 0 | 8-Fluoroguanine |
| amino acid | CH ₃ | 0 | 5-Fluorocytosine |
| amino acid | CH₃ | 0 | 8-Fluoroadenine |
| amino acid | CH ₃ | 0 | 2-Fluoroadenine |
| amino acid | CH ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | CH ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 8-Fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2-Aminoadenine |
| amino acid | CH ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | CH ₃ | 0 | 2-N-acetylguanine |
| amino acid | CH ₃ | 0 | 4-N-acetylcytosine |
| amino acid | CH ₃ | 0 | 6-N-acetyladenine |
| amino acid | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CH ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | CH ₃ | S | Thymine |
| amino acid | CH ₃ | S | Uracil |
| amino acid | CH ₃ | S | Guanine |
| amino acid | CH ₃ | S | Cytosine |
| amino acid | CH ₃ | S | Adenine |
| amino acid | CH ₃ | S | Hypoxanthine |
| amino acid | CH ₃ | S | 5-Fluorouracil |
| amino acid | CH ₃ | S | 8-Fluoroguanine |
| amino acid | CH ₃ | S | 5-Fluorocytosine |
| amino acid | CH ₃ | S | 8-Fluoroadenine |
| amino acid | CH ₃ | S | 2-Fluoroadenine |
| amino acid | CH ₃ | S | 2,8-Difluoroadenine |
| amino acid | CH ₃ | S | 2-Fluorohypoxanthine |

| \mathbb{R}^2 | R ⁶ | X | Base |
|----------------|-----------------|-----|--|
| amino acid | CH ₃ | S | 8-Fluorohypoxanthine |
| amino acid | CH ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | CH ₃ | S | 2-Aminoadenine |
| amino acid | CH ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | CH ₃ | s | 2-Aminohypoxanthine |
| amino acid | CH ₃ | s | 2-N-acetylguanine |
| amino acid | CH ₃ | S | 4-N-acetylcytosine |
| amino acid | CH ₃ | S | 6-N-acetyladenine |
| amino acid | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-Habitoadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-N-acetylaminoadenine |
| amino acid | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CH ₃ | S | 2-N-acetylamino-a-muoronypoxantnine 2-N-acetylaminohypoxanthine |
| amino acid | CF ₃ | 0 | |
| amino acid | CF ₃ | 0 | Thymine Uracil |
| | | 0 | Guanine |
| amino acid | CF ₃ | | |
| amino acid | CF ₃ | 0 | Cytosine |
| amino acid | CF ₃ | | Adenine |
| amino acid | CF ₃ | 0 | Hypoxanthine |
| amino acid | CF ₃ | 0 | 5-Fluorouracil |
| amino acid | CF ₃ | 0 | 8-Fluoroguanine |
| amino acid | CF ₃ | 0 | 5-Fluorocytosine |
| amino acid | CF ₃ | 0 | 8-Fluoroadenine |
| amino acid | CF ₃ | 0 | 2-Fluoroadenine |
| amino acid | CF ₃ | 0 | 2,8-Difluoroadenine |
| amino acid | CF ₃ | 0 | 2-Fluorohypoxanthine |
| amino acid | CF ₃ | 0 . | 8-Fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-Aminoadenine |
| amino acid | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| amino acid | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-Aminohypoxanthine |
| amino acid | CF ₃ | 0 | 2-N-acetylguanine |
| amino acid | CF ₃ | 0 | 4-N-acetylcytosine |
| amino acid | CF ₃ | 0 | 6-N-acetyladenine |
| amino acid | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| amino acid | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| amino acid | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| amino acid | CF ₃ | 0 | 2-N-acetylaminoadenine |
| amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| amino acid | CF ₃ | S | Thymine |
| amino acid | CF ₃ | S | Uracil |
| amino acid | CF ₃ | S | Guanine |
| amino acid | CF ₃ | S | Cytosine |
| amino acid | CF ₃ | S | Adenine |
| amino acid | CF ₃ | S | Hypoxanthine |
| amino acid | CF ₃ | s | 5-Fluorouracil |
| amino acid | CF ₃ | S | 8-Fluoroguanine |
| amino acid | CF ₃ | S | 5-Fluorocytosine |
| amino acid | CF ₃ | S | 8-Fluoroadenine |
| amino acid | CF ₃ | S | 2-Fluoroadenine |
| amino acid | CF ₃ | S | 2,8-Difluoroadenine |
| amino acid | CF ₃ | s | 2-Fluorohypoxanthine |
| amino acid | CF ₃ | S | 8-Fluorohypoxanthine |
| amino acid | CF ₃ | S | 2,8-Difluorohypoxanthine |
| amino acid | CF ₃ | S | 2-Aminoadenine |
| amino acid | CF ₃ | S | 2-Amino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| amino acid | CF ₃ | S | 2-Aminohypoxanthine |
| amino acid | CF ₃ | S | 2-N-acetylguanine |
| amino acid | CF ₃ | S | 4-N-acetylcytosine |
| amino acid | CF ₃ | S | 6-N-acetyladenine |
| amino acid | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| amino acid | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| amino acid | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-N-acetylaminoadenine |
| amino acid | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| amino acid | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| amino acid | CF ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | CH ₃ | 0 | Thymine |
| acyl | CH ₃ | 0 | Uracil |
| acyl | CH ₃ | 0 | Guanine |
| acyl | CH ₃ | 0 | Cytosine |
| acyl | CH ₃ | 0 | Adenine |
| acyl | CH ₃ | 0 | Hypoxanthine |
| acyl | CH ₃ | 0 | 5-Fluorouracil |
| acyl | CH ₃ | 0 | 8-Fluoroguanine |
| acyl | CH ₃ | 0 | 5-Fluorocytosine |
| acyl | CH ₃ | 0 | 8-Fluoroadenine |
| acyl | CH ₃ | 0 | 2-Fluoroadenine |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| acyl | CH ₃ | 0 | 2,8-Difluoroadenine |
| acyl | CH ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | CH ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-Aminoadenine |
| acyl | CH ₃ | o | 2-Amino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-Aminohypoxanthine |
| acyl | CH ₃ | 0 | 2-N-acetylguanine |
| acyl | CH ₃ | 0 | 4-N-acetylcytosine |
| acyl | CH ₃ | 0 | 6-N-acetyladenine |
| acyl | CH ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | CH ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | CH ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | CH ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CH ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | CH ₃ | S | Thymine |
| acyl | CH ₃ | S | Uracil |
| acyl | CH ₃ | S | Guanine |
| acyl | CH ₃ | S | Cytosine |
| acyl | CH ₃ | S | Adenine |
| acyl | CH ₃ | S | Hypoxanthine |
| acyl | CH ₃ | S | 5-Fluorouracil |
| acyl | CH ₃ | S | 8-Fluoroguanine |
| acyl | CH ₃ | S | 5-Fluorocytosine |
| acyl | CH ₃ | S | 8-Fluoroadenine |
| acyl | CH ₃ | S | 2-Fluoroadenine |
| acyl | CH ₃ | S | 2,8-Difluoroadenine |
| acyl | CH ₃ | S | 2-Fluorohypoxanthine |
| acyl | CH ₃ | S | 8-Fluorohypoxanthine |
| acyl | CH ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | CH ₃ | S | 2-Aminoadenine |
| acyl | CH ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | CH ₃ | S | 2-Aminohypoxanthine |
| acyl | CH ₃ | S | 2-N-acetylguanine |
| acyl | CH ₃ | S | 4-N-acetylcytosine |
| acyl | CH ₃ | S | 6-N-acetyladenine |
| acyl | CH ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | CH ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | CH ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | CH ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| | | | |

| R ² | R ⁶ | X | Base |
|----------------|-----------------|---|--------------------------------------|
| acyl | CH ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | CH ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-N-acetylaminoadenine |
| acyl | CH ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | CH ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CH ₃ | S | 2-N-acetylaminohypoxanthine |
| acyl | CF ₃ | 0 | Thymine |
| acyl | CF ₃ | 0 | Uracil |
| acyl | CF ₃ | 0 | Guanine |
| acyl | CF ₃ | 0 | Cytosine |
| acyl | CF ₃ | 0 | Adenine |
| acyl | CF ₃ | 0 | Hypoxanthine |
| acyl | CF ₃ | 0 | 5-Fluorouracil |
| acyl | CF ₃ | 0 | 8-Fluoroguanine |
| acyl | CF ₃ | 0 | 5-Fluorocytosine |
| acyl | CF ₃ | 0 | 8-Fluoroadenine |
| acyl | CF ₃ | 0 | 2-Fluoroadenine |
| acyl | CF ₃ | 0 | 2,8-Difluoroadenine |
| acyl | CF ₃ | 0 | 2-Fluorohypoxanthine |
| acyl | CF ₃ | 0 | 8-Fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2,8-Difluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-Aminoadenine |
| acyl | CF ₃ | 0 | 2-Amino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-Amino-8-fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-Aminohypoxanthine |
| acyl | CF ₃ | 0 | 2-N-acetylguanine |
| acyl | CF ₃ | 0 | 4-N-acetylcytosine |
| acyl | CF ₃ | 0 | 6-N-acetyladenine |
| acyl | CF ₃ | 0 | 2-N-acetyl-8-fluoroguanine |
| acyl | CF ₃ | 0 | 4-N-acetyl-5-fluorocytosine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2-fluoroadenine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2-aminoadenine |
| acyl | CF ₃ | 0 | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-N-acetylaminoadenine |
| acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluoroadenine |
| acyl | CF ₃ | 0 | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CF ₃ | 0 | 2-N-acetylaminohypoxanthine |
| acyl | CF ₃ | S | Thymine |
| acyl | CF ₃ | S | Uracil |
| acyl | CF ₃ | S | Guanine |
| acyl | CF ₃ | S | Cytosine |
| acyl | CF ₃ | S | Adenine |
| acyl | CF ₃ | S | Hypoxanthine |
| acyl | CF ₃ | S | 5-Fluorouracil |
| acyl | CF ₃ | S | 8-Fluoroguanine |
| acyl | CF ₃ | S | 5-Fluorocytosine |

| R ² _ | R ⁶ | X | Base |
|------------------|-----------------|---|--------------------------------------|
| acyl | CF ₃ | S | 8-Fluoroadenine |
| acyl | CF ₃ | S | 2-Fluoroadenine |
| acyl | CF ₃ | S | 2,8-Difluoroadenine |
| acyl | CF ₃ | S | 2-Fluorohypoxanthine |
| acyl | CF ₃ | S | 8-Fluorohypoxanthine |
| acyl | CF ₃ | S | 2,8-Difluorohypoxanthine |
| acyl | CF ₃ | S | 2-Aminoadenine |
| acyl | CF ₃ | S | 2-Amino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-Amino-8-fluorohypoxanthine |
| acyl | CF ₃ | S | 2-Aminohypoxanthine |
| acyl | CF ₃ | S | 2-N-acetylguanine |
| acyl | CF ₃ | S | 4-N-acetylcytosine |
| acyl | CF ₃ | S | 6-N-acetyladenine |
| acyl | CF ₃ | S | 2-N-acetyl-8-fluoroguanine |
| acyl | CF ₃ | S | 4-N-acetyl-5-fluorocytosine |
| acyl | CF ₃ | S | 6-N-acetyl-2-fluoroadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2,8-difluoroadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2-aminoadenine |
| acyl | CF ₃ | S | 6-N-acetyl-2-amino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-N-acetylaminoadenine |
| acyl | CF ₃ | S | 2-N-acetylamino-8-fluoroadenine |
| acyl | CF ₃ | S | 2-N-acetylamino-8-fluorohypoxanthine |
| acyl | CF ₃ | S | 2-N-acetylaminohypoxanthine |

Table 18

| \mathbb{R}^6 | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | Thymine | F | O-acyl |
| CH ₃ | Н | 0 | Uracil | F | O-acyl |
| CH ₃ | Н | O | Guanine | F | O-acyl |
| CH ₃ | Н | 0 | Cytosine | F | O-acyl |
| CH ₃ | Н | 0 | Adenine | F | O-acyl |
| CH ₃ | Н | 0 | Hypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorouracil | F | O-acyl |
| CH ₃ | Н | 0 | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | H | 0 | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Aminoadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | Н | 0 | 4-N-acetylcytosine | F | O-acyl |
| | H | 0 | 6-N-acetyladenine | F | O-acyl |
| | Н | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | H | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | H | 0 | 6-N-acetyl-2-aminoadenine | F . | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | H | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | H | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | Thymine | F | O-acyl |
| | O-amino acid | 0 | Uracil | F | O-acyl |
| | O-amino acid | | Guanine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | Cytosine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | Adenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | Thymine | F_ | O-acyl |
| CH ₃ | O-acyl | 0 | Uracil | F | O-acyl |
| CH ₃ | O-acyl | 0 | Guanine | F | O-acyl |
| CH ₃ | O-acyl | 0 | Cytosine | F | O-acyl |
| CH ₃ | O-acyl | 0 | Adenine | F | O-acyl_ |
| CH ₃ | O-acyl | 0 | Hypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | F | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | F · | O-acyl_ |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | ŏ | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | OH | 0 | Thymine | F | O-acyl |
| CH ₃ | OH | 0 | Uracil | F | O-acyl |
| CH ₃ | ОН | o | Guanine | F | O-acyl |
| CH₃ | ОН | 0 | Cytosine | F | O-acyl |
| CH ₃ | ОН | ō | Adenine | F | O-acyl |
| CH ₃ | ОН | 0 | Hypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorouracil | F | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | ОН | O | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | F . | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminoadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | OH | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| | Н | 0 | Thymine | Br | O-acyl |
| | Н | 0 | Uracil | Br | O-acyl |
| CH ₃ | Н | 0 | Guanine | Br | O-acyl |
| | Н | 0 | Cytosine | Br | O-acyl |
| CH ₃ | Н | 0 | Adenine | Br | O-acyl |
| | Н | 0 | Hypoxanthine | Br | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | Н | 0 | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | Н | О | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | Н | 0 | 2-Fluoroadenine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | Н | 0 | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | ō | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | O | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | ō | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | H | ō | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | ō | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | H | ŏ | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | Н | ō | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | Н | ŏ | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | H | ŏ | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | Н | ō | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | Н | ō | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| | H | ŏ | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| | Н | ō | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| | Н | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | Н | ō | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | H | ō | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | Н | ŏ | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | Ō | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | ō | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | ō | Thymine | Br | O-acyl |
| CH ₃ | O-amino acid | Ō | Uracil | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | Guanine | Br | O-acyl |
| CH ₃ | O-amino acid | o | Cytosine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | Adenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Вг | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | ō | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | ŏ | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | ō | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | ō | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | ŏ | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | ō | Thymine | Br | O-acyl |
| CH ₃ | O-acyl | ō | Uracil | Br | O-acyl |
| CH ₃ | O-acyl | ō | Guanine | Br | O-acyl |
| CH ₃ | O-acyl | ŏ | Cytosine | Br | O-acyl |
| CH ₃ | O-acyl | ō | Adenine | Br | O-acyl |
| CH ₃ | O-acyl | ō | Hypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | ō | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | ŏ | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | ō | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | Ö | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | Ŏ | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | Ō | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | O-acyl | Ō | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | Thymine | Br | O-acyl |
| CH ₃ | ОН | 0 | Uracil | Br | O-acyl |
| CH ₃ | ОН | 0 | Guanine | Br | O-acyl |
| CH ₃ | ОН | 0 | Cytosine | Br | O-acyl |
| CH ₃ | ОН | 0 | Adenine | Br | O-acyl |
| CH ₃ | ОН | 0 | Hypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorocytosine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | 0 | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | OH | 0 | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | OH | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | OH | O | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | ОН | o | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | OH | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | Ō | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | 0 | Thymine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | Uracil | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | Guanine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | Cytosine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | Adenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | Hypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | CI | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | CI | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | CI | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | Thymine | Cl | O-acyl |
| CH ₃ | ОН | 0 | Uracil | Cl | O-acyl |
| CH ₃ | ОН | 0 | Guanine | Cl | O-acyl |
| CH ₃ | OH | 0 | Cytosine | Cl | O-acyl |
| CH ₃ | ОН | 0 | Adenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | Hypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorouracil | Cl | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroadenine | Cl | O-acyl |
| CH ₃ | OH | 0 | 2-Fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminoadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | Cl | O-acyl |
| CH ₃ | OH | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyladenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CH ₃ | OH | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | 0 | Thymine | Cl | O-acyl |
| CH ₃ | Н | 0 | Uracil | Cl | O-acyl |
| CH ₃ | Н | 0 | Guanine | Cl | O-acyl |
| CH ₃ | Н | 0 | Cytosine | Cl | O-acyl |
| CH ₃ | Н | 0 | Adenine | Cl | O-acyl |
| CH ₃ | Н | 0 | Hypoxanthine | Cl | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorouracil | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | 8-Fluoroguanine | Cl | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorocytosine | CI | O-acyl |
| CH ₃ | Н | 0 | 8-Fluoroadenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-Fluoroadenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| CH ₃ | Н | 0 | 2-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | Н | 0 | 8-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-Aminoadenine | CI | O-acyl |
| CH ₃ | Н | o | 2-Amino-8-fluoroadenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | CI | O-acyl |
| | Н | Ō | 2-Aminohypoxanthine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CH ₃ | Н | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CH ₃ | Н | ō | 6-N-acetyladenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetyl-8-fluoroguanine | CI | O-acyl |
| | Н | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| | Н | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| | Н | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylaminoadenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | CI | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | Thymine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | Uracil | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | Guanine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | Cytosine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | Adenine | CI | O-acyl |
| • | O-amino acid | 0 | Hypoxanthine | Cl | O-acyl |
| | O-amino acid | 0 | 5-Fluorouracil | Cl | O-acyl |
| | O-amino acid | 0 | 8-Fluoroguanine | Cl | O-acyl |
| CH₃ | O-amino acid | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| | O-amino acid | 0 | 2-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Cl | O-acyl |
| CH₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | Cl | O-acyl |

| R^{6} | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | CI | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | CI | O-acyl |
| | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | CI | O-acyl |
| | O-amino acid | O | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | 0 | Thymine | Н | O-acyl |
| | Н | 0 | Uracil | Н | O-acyl |
| CH ₃ | Н | 0 | Guanine | Н | O-acyl |
| | Н | 0 | Cytosine | Н | O-acyl |
| CH ₃ | Н | 0 | Adenine | Н | O-acyl |
| $\overline{}$ | Н | 0 | Hypoxanthine | Н | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | Н | 0 | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorocytosine | Н | O-acyl |
| CH ₃ | Н | 0 | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | Н | 0 | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | Н | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | 0 | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CH ₃ | H | 0 | 2-Aminoadenine | Н | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | H | 0 | 2-Aminohypoxanthine | Н | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylguanine | Н | O-acyl |
| CH ₃ | Н | 0 | 4-N-acetylcytosine | Н | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyladenine | Н | O-acyl |
| | H | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| | Н | O | 4-N-acetyl-5-fluorocytosine | H | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | | 0 | 2-N-acetylaminoadenine | H | O-acyl |
| CH ₃ | | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | Thymine | Н | O-acyl |
| | O-amino acid | 0 | Uracil | Н | O-acyl |
| | O-amino acid | 0 | Guanine | Н | O-acyl |
| | O-amino acid | 0 | Cytosine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | Adenine | H | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | Hypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | H_ | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | H | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | H | O-acyl |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | H | O-acyl |
| | O-amino acid | 0_ | 6-N-acetyl-2-aminoadenine | H | O-acyl |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | H | O-acyl |
| | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Thymine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Uracil | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Guanine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Cytosine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Adenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | Hypoxanthine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | H | O-acyl |
| | O-acyl | 0 | 8-Fluoroguanine | H | O-acyl |
| | O-acyl | 0 | 5-Fluorocytosine | H | O-acyl |
| | O-acyl | 0 | 8-Fluoroadenine | H | O-acyl |
| | O-acyl | 0 | 2-Fluoroadenine | H | O-acyl |
| | O-acyl | 0 | 2,8-Difluoroadenine | H | O-acyl |
| | O-acyl | 0 | 2-Fluorohypoxanthine | H | O-acyl |
| | O-acyl | 0 | 8-Fluorohypoxanthine | H | O-acyl |
| | O-acyl | 0 | 2,8-Difluorohypoxanthine | H | O-acyl |
| | O-acyl | 0 | 2-Aminoadenine | H_ | O-acyl |
| | O-acyl | 0 | 2-Amino-8-fluoroadenine | H | O-acyl |
| | O-acyl | Ö | 2-Amino-8-fluorohypoxanthine | H | O-acyl |
| | O-acyl | 0 | 2-Aminohypoxanthine | H | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | H | O-acyl |

| \mathbb{R}^6 | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | H | O-acyl |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | Thymine | Н | O-acyl |
| CH ₃ | ОН | 0 | Uracil | Н | O-acyl |
| CH ₃ | ОН | 0 | Guanine | Н | O-acyl |
| CH ₃ | ОН | 0 | Cytosine | Н | O-acyl |
| CH ₃ | ОН | 0 | Adenine | Н | O-acyl |
| CH ₃ | ОН | 0 | Hypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | ОН | 0 | 5-Fluorocytosine | Н | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminoadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylguanine | Н | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | Н | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyladenine | Н | O-acyl |
| CH ₃ | | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CH ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CH ₃ | | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| | ОН | 0 | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CH ₃ | Н | 0 | Thymine | ОН | O-acyl |
| CH ₃ | Н | 0 | Uracil | ОН | O-acyl |
| CH ₃ | Н | 0 | Guanine | ОН | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | Cytosine | ОН | O-acyl |
| CH ₃ | Н | 0 | Adenine | ОН | O-acyl |
| CH ₃ | Н | О | Hypoxanthine | ОН | O-acyl |
| CH ₃ | Н | 0 | 5-Fluorouracil | ОН | O-acyl |
| CH ₃ | Н | o | 8-Fluoroguanine | OH | O-acyl |
| CH ₃ | Н | Ō | 5-Fluorocytosine | OH | O-acyl |
| CH ₃ | H | Ō | 8-Fluoroadenine | ОН | O-acyl |
| CH ₃ | Н | ō | 2-Fluoroadenine | OH | O-acyl |
| CH ₃ | Н | ō | 2,8-Difluoroadenine | OH | O-acyl |
| | Н | 0 | 2-Fluorohypoxanthine | OH | O-acyl |
| CH ₃ | Н | Ō | 8-Fluorohypoxanthine | OH | O-acyl |
| | Н | 0 | 2,8-Difluorohypoxanthine | ОН | O-acyl |
| | Н | Ō | 2-Aminoadenine | OH | O-acyl |
| CH ₃ | Н | 0 | 2-Amino-8-fluoroadenine | ОН | O-acyl |
| | Н | 0 | 2-Amino-8-fluorohypoxanthine | ОН | O-acyl |
| | Н | ō | 2-Aminohypoxanthine | ОН | O-acyl |
| | Н | 0 | 2-N-acetylguanine | ОН | O-acyl |
| | Н | 0 | 4-N-acetylcytosine | ОН | O-acyl |
| | Н | 0 | 6-N-acetyladenine | ОН | O-acyl |
| | Н | 0 | 2-N-acetyl-8-fluoroguanine | ОН | O-acyl |
| | Н | 0 | 4-N-acetyl-5-fluorocytosine | OH | O-acyl |
| | Н | 0 | 6-N-acetyl-2-fluoroadenine | ОН | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | OH | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | ОН | O-acyl |
| CH ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | OH | O-acyl |
| CH ₃ | Н | 0 | 2-N-acetylaminoadenine | ОН | O-acyl |
| | Н | 0 | 2-N-acetylamino-8-fluoroadenine | OH | O-acyl |
| | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-acyl |
| | Н | 0 | 2-N-acetylaminohypoxanthine | OH | O-acyl |
| | H | 0 | Thymine | F | O-amino acid |
| | Н | 0 | Uracil | F | O-amino acid |
| | H | 0 | Guanine | F | O-amino acid |
| | H | 0 | Cytosine | F | O-amino acid |
| | H | 0 | Adenine | F | O-amino acid |
| CH ₃ | | 0 | Hypoxanthine | F | O-amino acid |
| CH ₃ | | 0 | 5-Fluorouracil | F | O-amino acid |
| | Н | 0 | 8-Fluoroguanine | F | O-amino acid |
| | Н | 0 | 5-Fluorocytosine | F | O-amino acid |
| | H | 0 | 8-Fluoroadenine | F | O-amino acid |
| CH ₃ | | 0 | 2-Fluoroadenine | F | O-amino acid |
| | H | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| | Н | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| | Н | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| | Н | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| | Н | 0 | 2-Aminoadenine | F. | O-amino acid |
| | Н | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CH ₃ | Н | 0 | 2-N-acetylguanine | F | O-amino acid |
| CH ₃ | Н | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CH ₃ | Н | 0 | 6-N-acetyladenine | F | O-amino acid |
| CH ₃ | Н | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CH ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CH ₃ | Н | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CH ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | H | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | H | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Thymine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Uracil . | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Guanine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Cytosine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Adenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | ·F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| | O-amino acid | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| | O-amino acid | 0 | 2-N-acetylguanine | F | O-amino acid |
| | O-amino acid | | 4-N-acetylcytosine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | Thymine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Uracil | F | O-amino acid |
| CH ₃ | O-acyl | 0 | Guanine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | Cytosine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | Adenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | Hypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | F | O-amino acid |
| CH ₃ | O-acyl . | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | Thymine | F | O-amino acid |
| CH ₃ | ОН | 0 | Uracil | F | O-amino acid |
| CH ₃ | ОН | 0 | Guanine | F | O-amino acid |
| CH ₃ | ОН | 0 | Cytosine | F | O-amino acid |
| CH ₃ | ОН | 0 | Adenine | F | O-amino acid |
| CH ₃ | ОН | 0 | Hypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 5-Fluorouracil | F | O-amino acid |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | F | O-amino acid |
| CH ₃ | ОН | 0 | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | ОН | 0 | 8-Fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-Fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-Aminoadenine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | OH | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylguanine | F | O-amino acid |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyladenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CH ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CH ₃ | OH | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | F_ | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| | Н | 0 | Thymine | Br | O-amino acid |
| CH ₃ | Н | 0 | Uracil | Br | O-amino acid |
| CH ₃ | Н | 0 | Guanine | Br | O-amino acid |
| CH ₃ | Н | 0 | Cytosine | Br | O-amino acid |
| CH ₃ | Н | 0 | Adenine | Br | O-amino acid |
| CH ₃ | Н | 0 | Hypoxanthine | Br | O-amino acid |
| CH ₃ | H | 0 | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | Н | 0 | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | H | 0 | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | 0 | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | Н | 0 | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | H | 0 | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| | Н | 0 | 2-Aminoadenine | Br | O-amino acid |
| | Н | 0 | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | | 0 | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | | 0 | 2-N-acetylguanine | Br | O-amino acid |
| | H | 0 | 4-N-acetylcytosine | Br | O-amino acid |
| | H | 0 | 6-N-acetyladenine | Br | O-amino acid |
| | H | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| | Н | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| | Н | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| | Н | 0 | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| \vdash | H | 0 | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | H | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CH ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | Thymine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | Uracil | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | Guanine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | Cytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | Adenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | Hypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | o | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ·O | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-Aminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-N-acetylguanine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 4-N-acetylcytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 6-N-acetyladenine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 4-N-acetyl-5-fluorocytosine | Br Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | 0 | Thymine | Br | O-amino acid |
| | O-acyl | | Uracil | Br | O-amino acid |
| CH ₃ | O-acyl | 0 | Guanine | Br | O-amino acid |
| CH ₃ | O-acyl | Ō | Cytosine | Br | O-amino acid |
| | O-acyl | 0 | Adenine | Br | O-amino acid |
| | O-acyl | O | Hypoxanthine | Br | O-amino acid |
| $\overline{}$ | O-acyl | 0 | 5-Fluorouracil | Br | O-amino acid |
| | O-acyl | ō | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | O-acyl | ō | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | O-acyl | ō | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | Ö | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | Ö | 8-Fluorohypoxanthine | Br | O-amino acid |
| U115 | <u> </u> | <u> </u> | o i i i i i i j pozumimio | | S-annito acid |

| CH3 O-acyl O 2,8-Difluorohypoxanthine Br O-amino acid CH3 O-acyl O 2-Amino-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-Amino-8-fluorohypoxanthine Br O-amino acid CH3 O-acyl O 2-Aminohypoxanthine Br O-amino acid CH3 O-acyl O 2-N-acetylguanine Br O-amino acid CH3 O-acyl O 4-N-acetyleytosine Br O-amino acid CH3 O-acyl O 6-N-acetyleytosine Br | R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|--|-----------------|----------------|---|------------------------------------|--|----------------|
| CH3 O-acyl O 2-Aminoacine Br O-amino acid CH3 O-acyl O 2-Amino-8-fluorobapoxanthine Br O-amino acid CH3 O-acyl O 2-Aminoh-9poxanthine Br O-amino acid CH3 O-acyl O 2-N-acetylguanine Br O-amino acid CH3 O-acyl O 4-N-acetylcytosine Br O-amino acid CH3 O-acyl O 4-N-acetyl-18-fluoroguanine Br O-amino acid CH3 O-acyl O 4-N-acetyl-18-fluoroguanine Br O-amino acid CH3 O-acyl O 4-N-acetyl-18-fluoroguanine Br O-amino acid CH3 O-acyl O 6-N-acetyl-18-fluoroguanine Br O-amino acid CH3 O-acyl O 6-N-acetyl-18-fluoroguanine Br O-amino acid CH3 O-acyl O 6-N-acetyl-2-aminoacid Br O-amino acid CH3 O-acyl O 6-N-acetyl-2-aminoacid Br <td></td> <td>O-acyl</td> <td></td> <td>2,8-Difluorohypoxanthine</td> <td>Br</td> <td>O-amino acid</td> | | O-acyl | | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH₃ O-acyl O 2-Amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-Amino-8-fluorohypoxanthine Br O-amino acid CH₃ O-acyl O 2-Aminohypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylguonine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-2-fluorosytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-3-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-f | | | - | | Br | |
| CH₃ O-acyl O 2-Amino-8-fluorohypoxanthine Br O-amino acid CH₃ O-acyl O 2-Aminohypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetyleytosine Br O-amino acid CH₃ O-acyl O 4-N-acetyleytosine Br O-amino acid CH₃ O-acyl O 2-N-acetyl-8-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-3-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-3-fluoroguanine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-3-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-ga-difluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8 | | | 0 | 2-Amino-8-fluoroadenine | Br | |
| CH₃ O-acyl O 2-Aminohypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylguanine Br O-amino acid CH₃ O-acyl O 4-N-acetylcytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-8-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-5-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-3-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylam | | | 0 | | Br | |
| CH₃ O-acyl O 2-N-acetylguanine Br O-amino acid CH₃ O-acyl O 4-N-acetylcytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-3-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-3-fluoroguanine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-g-difluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2 | | | | | | |
| CH₃ O-acyl O 4-N-acetyleytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyladenine Br O-amino acid CH₃ O-acyl O 2-N-acetyl-8-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2,8-diffluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2,8-diffluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O | | | | | | |
| CH₃ O-acyl O 6-N-acetyl-8-fluoroguanine Br O-amino acid CH₃ O-acyl O 2-N-acetyl-8-fluorogytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluorogytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl | | | | | Br | |
| CH₃ O-acyl O 2-N-acetyl-8-fluoroguanine Br O-amino acid CH₃ O-acyl O 4-N-acetyl-2-fluoroguonine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-g-diffluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylaminoadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ OH O Thymine Br O-amino acid CH₃ OH O Guanine Br O-amino acid | | | | | | |
| CH₃ O-acyl O 4-N-acetyl-5-fluorocytosine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoa-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylaminoa-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CH₃ OH O Thymine Br O-amino acid CH₃ OH < | | | | | Br | |
| CH₃ O-acyl O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorodenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorodypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorodypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorodypoxanthine Br O-amino acid CH₃ OH O Tyrnine Br O-amino acid CH₃ OH O Tyrnine Br O-amino acid CH₃ OH O Guanine Br O-amino acid CH₃ OH O Adeine Br | | | | | Br | |
| CH₃ O-acyl O 6-N-acetyl-2,8-difluoroadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylaminoadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorobypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorobypoxanthine Br O-amino acid CH₃ O-acyl O 2-N-acetylamino-8-fluorobypoxanthine Br O-amino acid CH₃ OH O Thymine Br O-amino acid CH₃ OH O Thymine Br O-amino acid CH₃ OH O Guanine Br O-amino acid CH₃ OH O Adenine Br O-amin | | | | | | |
| CH3 O-acyl O 6-N-acetyl-2-aminoadenine Br O-amino acid CH3 O-acyl O 6-N-acetyl-2-aminoa-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylaminoa-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH3 OH O Thymine Br O-amino acid CH3 OH O Uracil Br O-amino acid CH3 OH O Uracil Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Afluoroadenine Br O-amino acid CH | | | | | | |
| CH ₃ O-acyl O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid CH ₃ O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH ₃ OH O Thymine Br O-amino acid CH ₃ OH O Uracil Br O-amino acid CH ₃ OH O Guanine Br O-amino acid CH ₃ OH O Adenine Br O-amino acid CH ₃ OH O Adenine Br O-amino acid CH ₃ OH O S-Fluoroadenine Br O-amino acid | | | _ | | | |
| CH3 O-acyl O 2-N-acetylaminoadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CH3 O-acyl O 2-N-acetylaminohypoxanthine Br O-amino acid CH3 OH O Thymine Br O-amino acid CH3 OH O Uracil Br O-amino acid CH3 OH O Guanine Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O 8-Fluoroguanine Br O-amino acid CH3 OH O 8-Fluoroguanine Br O-amino acid CH3 OH O | | | - | | | |
| CH3 O-acyl O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CH3 O-acyl O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CH3 OH O 2-N-acetylaminohypoxanthine Br O-amino acid CH3 OH O Thymine Br O-amino acid CH3 OH O Thymine Br O-amino acid CH3 OH O Guanine Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O S-Fluoroguanine Br O-amino acid CH3 OH O S-Fluoroguanine Br O-amino acid CH3 OH O S-Fluorodenine Br O-amino acid CH3 OH O 2-Fluorode | - | | | | | |
| CH3 O-acyl O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CH3 O-acyl O 2-N-acetylaminohypoxanthine Br O-amino acid CH3 OH O Thymine Br O-amino acid CH3 OH O Uracil Br O-amino acid CH3 OH O Guanine Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Hypoxanthine Br O-amino acid CH3 OH O S-Fluorounicall Br O-amino acid CH3 OH O S-Fluorosytosine Br O-amino acid CH3 OH O S-Fluorodenine Br O-amino acid CH3 OH O 2-Fluoroadenine Br O-amino acid CH3 OH O 2-Fluorohypoxanthine< | - | | | | | |
| CH3O-acylO2-N-acetylaminohypoxanthineBrO-amino acidCH3OHOThymineBrO-amino acidCH3OHOUracilBrO-amino acidCH3OHOGuanineBrO-amino acidCH3OHOCytosineBrO-amino acidCH3OHOAdenineBrO-amino acidCH3OHOHypoxanthineBrO-amino acidCH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluorodenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Aminoa-8-fluorohypoxanthineBrO-amino acidCH3OHO2-Aminoa-8-fluorohypoxanthineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetyl-guanineBrO-amino acidCH3OHO2-N-acetyl-s-fluoroguanineBrO-amino acidCH3OHO6 | | | | | . | |
| CH3 OH O Thymine Br O-amino acid CH3 OH O Uracil Br O-amino acid CH3 OH O Guanine Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Hypoxanthine Br O-amino acid CH3 OH O 5-Fluoroacil Br O-amino acid CH3 OH O 8-Fluoroguanine Br O-amino acid CH3 OH O 8-Fluoroadenine Br O-amino acid CH3 OH O 8-Fluoroadenine Br O-amino acid CH3 OH O 2-Fluoroadenine Br O-amino acid CH3 OH O 2-Fluorohypoxanthine Br O-amino acid CH3 OH O 2-Fluorohypoxanthine Br O-amino acid CH3 OH O 2-Amino-8-fluorohypoxanthine Br< | | | 0 | | Br | |
| CH3 OH O Uracil Br O-amino acid CH3 OH O Guanine Br O-amino acid CH3 OH O Cytosine Br O-amino acid CH3 OH O Adenine Br O-amino acid CH3 OH O Hypoxanthine Br O-amino acid CH3 OH O 5-Fluorouracil Br O-amino acid CH3 OH O 8-Fluoroguanine Br O-amino acid CH3 OH O 5-Fluoroytosine Br O-amino acid CH3 OH O 8-Fluoroadenine Br O-amino acid CH3 OH O 2-Fluoroadenine Br O-amino acid CH3 OH O 2-Fluorohypoxanthine Br O-amino acid CH3 OH O 2-Fluorohypoxanthine Br O-amino acid CH3 OH O 2,8-Difluorohypoxanthine Br O-amino acid CH3 OH O 2,8-Difluorohypoxanthine <td></td> <td></td> <td>0</td> <td></td> <td>Br</td> <td></td> | | | 0 | | Br | |
| CH3OHOGuanineBrO-amino acidCH3OHOCytosineBrO-amino acidCH3OHOAdenineBrO-amino acidCH3OHOHypoxanthineBrO-amino acidCH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluoroeytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO3-FluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO4-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-ac | | | 0 | | Br | |
| CH3OHOCytosineBrO-amino acidCH3OHOAdenineBrO-amino acidCH3OHOHypoxanthineBrO-amino acidCH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO2-N-acetylgytosineBrO-amino acidCH3OHO4-N-acetyl-2-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO< | | | 0 | Guanine | Br | |
| CH3OHOAdenineBrO-amino acidCH3OHOHypoxanthineBrO-amino acidCH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetyleytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid <td></td> <td>ОН</td> <td>0</td> <td>Cytosine</td> <td>Br</td> <td></td> | | ОН | 0 | Cytosine | Br | |
| CH3OHOHypoxanthineBrO-amino acidCH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Aminoa-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO4-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid< | | ОН | 0 | Adenine | Br | O-amino acid |
| CH3OHO5-FluorouracilBrO-amino acidCH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBr | | ОН | 0 | Hypoxanthine | Br | O-amino acid |
| CH3OHO8-FluoroguanineBrO-amino acidCH3OHO5-FluorocytosineBrO-amino acidCH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyls-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenine< | | ОН | 0 | | Br | O-amino acid |
| CH3OHO8-FluoroadenineBrO-amino acidCH3OHO2-FluoroadenineBrO-amino acidCH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO2-N-acetylgytosineBrO-amino acidCH3OHO6-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 8-Fluoroguanine | Br | O-amino acid |
| CH3OHO2-FluoroadenineBrO-amino acidCH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO4-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 5-Fluorocytosine | Br | O-amino acid |
| CH3OHO2,8-DifluoroadenineBrO-amino acidCH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 8-Fluoroadenine | Br | O-amino acid |
| CH3OHO2-FluorohypoxanthineBrO-amino acidCH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-Fluoroadenine | Br | O-amino acid |
| CH3OHO8-FluorohypoxanthineBrO-amino acidCH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 2,8-Difluoroadenine | Br | O-amino acid |
| CH3OHO2,8-DifluorohypoxanthineBrO-amino acidCH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH3OHO2-AminoadenineBrO-amino acidCH3OHO2-Amino-8-fluoroadenineBrO-amino acidCH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acid | CH ₃ | ОН | 0 | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ OH O 2-Amino-8-fluoroadenine Br O-amino acid CH ₃ OH O 2-Amino-8-fluorohypoxanthine Br O-amino acid CH ₃ OH O 2-Aminohypoxanthine Br O-amino acid CH ₃ OH O 2-N-acetylguanine Br O-amino acid CH ₃ OH O 4-N-acetylcytosine Br O-amino acid CH ₃ OH O 6-N-acetyladenine Br O-amino acid CH ₃ OH O 2-N-acetyladenine Br O-amino acid CH ₃ OH O 2-N-acetyl-8-fluoroguanine Br O-amino acid CH ₃ OH O 4-N-acetyl-5-fluorocytosine Br O-amino acid CH ₃ OH O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH ₃ OH O 6-N-acetyl-2-fluoroadenine Br O-amino acid CH ₃ OH O 6-N-acetyl-2-gluoroadenine Br O-amino acid CH ₃ OH O 6-N-acetyl-2-aminoadenine Br O-amino acid CH ₃ OH O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid | CH ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-Aminoadenine | Br | O-amino acid |
| CH3OHO2-Amino-8-fluorohypoxanthineBrO-amino acidCH3OHO2-AminohypoxanthineBrO-amino acidCH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH3OHO2-N-acetylguanineBrO-amino acidCH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | | | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH3OHO4-N-acetylcytosineBrO-amino acidCH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-Aminohypoxanthine | Br | O-amino acid |
| CH3OHO6-N-acetyladenineBrO-amino acidCH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-N-acetylguanine | Br | O-amino acid |
| CH3OHO2-N-acetyl-8-fluoroguanineBrO-amino acidCH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 4-N-acetylcytosine | Br | O-amino acid |
| CH3OHO4-N-acetyl-5-fluorocytosineBrO-amino acidCH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 6-N-acetyladenine | Br | O-amino acid |
| CH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CH3OHO6-N-acetyl-2-fluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CH3OHO6-N-acetyl-2,8-difluoroadenineBrO-amino acidCH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | OH | 0 | 6-N-acetyl-2-fluoroadenine | Br | |
| CH3OHO6-N-acetyl-2-aminoadenineBrO-amino acidCH3OHO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino acid | CH ₃ | OH | 0 | | Br | |
| CH ₃ OH O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino acid | CH ₃ | OH | 0 | 6-N-acetyl-2-aminoadenine | Br | |
| | | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | |
| | CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|---|----------------|---------------------------|
| CH ₃ | OH | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | o | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | H | o | Thymine | Cl | O-amino acid |
| CH ₃ | Н | ō | Uracil | CI | O-amino acid |
| CH ₃ | H | ō | Guanine | CI | O-amino acid |
| CH ₃ | H | ō | Cytosine | Cl | O-amino acid |
| CH ₃ | Н | ŏ | Adenine | CI | O-amino acid |
| CH ₃ | H | ŏ | Hypoxanthine | CI | O-amino acid |
| CH ₃ | Н | ŏ | 5-Fluorouracil | CI | O-amino acid |
| CH ₃ | H | ō | 8-Fluoroguanine | CI | O-amino acid |
| CH ₃ | H | ŏ | 5-Fluorocytosine | CI | O-amino acid |
| CH ₃ | H | ŏ | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | H | ŏ | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | ŏ | 2,8-Difluoroadenine | CI | O-amino acid |
| CH ₃ | Н | ŏ | 2-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | H | 0 | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | H | ŏ | 2-Aminoadenine | Cl | |
| CH ₃ | Н | ŏ | 2-Amino-8-fluoroadenine | CI | O-amino acid O-amino acid |
| CH ₃ | H | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | H | ŏ | 2-Amino-o-nuoronypoxantime 2-Aminohypoxanthine | CI | O-amino acid |
| CH ₃ | H | ŏ | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | H | 0 | 4-N-acetylcytosine | CI | O-amino acid |
| CH ₃ | Н | ō | 6-N-acetyladenine | CI | O-amino acid |
| CH ₃ | Н | ō | 2-N-acetyl-8-fluoroguanine | CI | O-amino acid |
| CH ₃ | Н | ŏ | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | Н | o | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | ō | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | H | ŏ | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | Н | ō | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | H | ŏ | 2-N-acetylaminoadenine | CI | O-amino acid |
| CH ₃ | Н | ō | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | H | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | | 0 | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | o | Thymine | CI | O-amino acid |
| CH ₃ | O-amino acid | Ō | Uracil | Cl | O-amino acid |
| CH ₃ | O-amino acid | ō | Guanine | CI | O-amino acid |
| CH ₃ | O-amino acid | 0 | Cytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | Adenine | CI | O-amino acid |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | CI | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Cl | O-amino acid O-amino acid |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | Cl | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | | O-amino acid |
| Cris | O-amino acid | | 2,0-Dilluoloaucilille | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | CI | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Thymine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Uracil | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Guanine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Cytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Adenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | Hypoxanthine - | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | C1 | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | CI | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | CI | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | CI | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----|----------------|
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | CI | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | ō | 2-N-acetylaminohypoxanthine | CI | O-amino acid |
| CH ₃ | OH | ō | Thymine | CI | O-amino acid |
| CH ₃ | ОН | ō | Uracil | CI | O-amino acid |
| CH ₃ | ОН | ō | Guanine | CI | O-amino acid |
| CH ₃ | ОН | ŏ | Cytosine | Cl | O-amino acid |
| CH ₃ | ОН | ō | Adenine | Cl | O-amino acid |
| CH ₃ | ОН | ō | Hypoxanthine | CI | O-amino acid |
| CH ₃ | OH | ō | 5-Fluorouracil | CI | O-amino acid |
| CH ₃ | OH | ō | 8-Fluoroguanine | CI | O-amino acid |
| CH ₃ | OH | ō | 5-Fluorocytosine | CI | O-amino acid |
| CH ₃ | ОН | ō | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0. | 2-Fluoroadenine | CI | O-amino acid |
| CH ₃ | ОН | ō | 2,8-Difluoroadenine | CI | O-amino acid |
| CH ₃ | ОН | ō | 2-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | ОН | ō | 8-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | ОН | ō | 2,8-Difluorohypoxanthine | CI | O-amino acid |
| CH ₃ | OH | 0 | 2-Aminoadenine | CI | O-amino acid |
| CH ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CH ₃ | OH | 0 | 6-N-acetyladenine | Cl | O-amino acid |
| CH ₃ | OH | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CH ₃ | OH | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | Н | 0 | Thymine | Н | O-amino acid |
| CH ₃ | Н | 0 | Uracil | H | O-amino acid |
| CH ₃ | Н | 0 | Guanine | Н | O-amino acid |
| CH ₃ | Н | 0 | Cytosine | Н | O-amino acid |
| CH ₃ | Н | 0 | Adenine | Н | O-amino acid |
| CH ₃ | Н | 0 | Hypoxanthine | Н | O-amino acid |
| CH ₃ | Н | 0 | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluoroguanine | Н | O-amino acid |
| CH ₃ | Н | 0 | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | Н | 0 | 8-Fluoroadenine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | H | ō | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | | ō | 2,8-Difluoroadenine | Н | O-amino acid |
| | | Ō | 2-Fluorohypoxanthine | Н | O-amino acid |
| | Н | ō | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | H | ō | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | H | ō | 2-Aminoadenine | H | O-amino acid |
| CH ₃ | H | ō | 2-Amino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | H | ŏ | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | H | ŏ | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | H | o | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | Н | ō | 4-N-acetylcytosine | H | O-amino acid |
| CH ₃ | H | ŏ | 6-N-acetyladenine | H | O-amino acid |
| CH ₃ | H | ō | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | H | ō | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CH ₃ | Н | ŏ | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| | H | ō | 6-N-acetyl-2,8-difluoroadenine | H | O-amino acid |
| CH ₃ | H | ŏ | 6-N-acetyl-2-aminoadenine | H | O-amino acid |
| CH ₃ | H | o | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | Н | ō | 2-N-acetylaminoadenine | Н | O-amino acid |
| CH ₃ | H | ŏ | 2-N-acetylamino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | H | ŏ | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | Н | ŏ | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | Thymine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | Uracil | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | Guanine | H | O-amino acid |
| CH ₃ | O-amino acid | ō | Cytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | Adenine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | Hypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 5-Fluorouracil | H | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 8-Fluoroguanine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 8-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2,8-Difluoroadenine | Н | O-amino acid |
| | O-amino acid | | 2-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | O-amino acid | ō | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | H | O-amino acid |
| CH ₃ | O-amino acid | ŏ | 2-N-acetyl-8-fluoroguanine | H | O-amino acid |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | H | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| C113 | O-animo acid | | VI. Louiji z Hadidaddiino | | - willing agid |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|---|----------------|
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Thymine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Uracil | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Guanine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Cytosine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Adenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | Hypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | H | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | H | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | H | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | H | O-amino acid |
| | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| | O-acyl | 0 | 2-N-acetylaminoadenine | Н | O-amino acid |
| | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | H | O-amino acid |
| | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | 0 | Thymine | Н | O-amino acid |
| CH ₃ | ОН | 0 | Uracil | H | O-amino acid |
| CH ₃ | OH | 0 | Guanine | H | O-amino acid |
| CH ₃ | OH | 0 | Cytosine | H | O-amino acid |
| CH ₃ | ОН | 0 | Adenine | Н | O-amino acid |
| CH ₃ | ОН | 0 | Hypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | 0 | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | ОН | 0 | 8-Fluoroguanine | Н | O-amino acid |

| CH3OHO5-FluorocytosineHO-aminoCH3OHO8-FluoroadenineHO-aminoCH3OHO2-FluoroadenineHO-aminoCH3OHO2,8-DifluoroadenineHO-aminoCH3OHO2-FluorohypoxanthineHO-aminoCH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO4-N-acetyl-3-fluoroadenineHO-aminoCH3OHO4-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3< | acid acid |
|---|------------------------------|
| CH3OHO2-FluoroadenineHO-aminoCH3OHO2,8-DifluoroadenineHO-aminoCH3OHO2-FluorohypoxanthineHO-aminoCH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-8-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenine <t< td=""><td>acid</td></t<> | acid |
| CH3OHO2,8-DifluoroadenineHO-aminoCH3OHO2-FluorohypoxanthineHO-aminoCH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-8-fluoroguanineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO <td></td> | |
| CH3OHO2-FluorohypoxanthineHO-aminoCH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OH | |
| CH3OHO2-FluorohypoxanthineHO-aminoCH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO6-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OH | acia |
| CH3OHO8-FluorohypoxanthineHO-aminoCH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-glioroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-ace | |
| CH3OHO2,8-DifluorohypoxanthineHO-aminoCH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylami | |
| CH3OHO2-AminoadenineHO-aminoCH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-amino | |
| CH3OHO2-Amino-8-fluoroadenineHO-aminoCH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO2-Amino-8-fluorohypoxanthineHO-aminoCH3OHO2-AminohypoxanthineHO-aminoCH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO2-AminohypoxanthineHO-aminohypoxanthineCH3OHO2-N-acetylguanineHO-aminohypoxanthineCH3OHO4-N-acetylcytosineHO-aminohypoxanthineCH3OHO6-N-acetyladenineHO-aminohypoxanthineCH3OHO2-N-acetyl-8-fluoroguanineHO-aminohypoxanthineCH3OHO6-N-acetyl-2-fluoroadenineHO-aminohypoxanthineCH3OHO6-N-acetyl-2-aminoadenineHO-aminohypoxanthineCH3OHO6-N-acetylaminoadenineHO-aminohypoxanthineCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminohypoxanthineCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminohypoxanthineCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminohypoxanthineCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminohypoxanthine | |
| CH3OHO2-N-acetylguanineHO-aminoCH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO4-N-acetylcytosineHO-aminoCH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO6-N-acetyladenineHO-aminoCH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO2-N-acetyl-8-fluoroguanineHO-aminoCH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO4-N-acetyl-5-fluorocytosineHO-aminoCH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO6-N-acetyl-2-fluoroadenineHO-aminoCH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO6-N-acetyl-2,8-difluoroadenineHO-aminoCH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO6-N-acetyl-2-aminoadenineHO-aminoCH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | |
| CH3OHO6-N-acetyl-2-amino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylaminoadenineHO-aminoCH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | acid |
| CH3OHO2-N-acetylamino-8-fluoroadenineHO-aminoCH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | acid |
| CH3OHO2-N-acetylamino-8-fluorohypoxanthineHO-aminoCH3OHO2-N-acetylaminohypoxanthineHO-amino | acid |
| CH ₃ OH O 2-N-acetylaminohypoxanthine H O-amino | acid |
| | acid |
| CH ₂ H O Thymine OH O-amino | acid |
| U | acid |
| CH ₃ H O Uracil OH O-amino | acid |
| CH ₃ H O Guanine OH O-amino | acid |
| CH ₃ H O Cytosine OH O-amino | acid |
| CH ₃ H O Adenine OH O-amino | acid |
| CH ₃ H O Hypoxanthine OH O-amino | acid |
| CH ₃ H O 5-Fluorouracil OH O-amino | acid |
| CH ₃ H O 8-Fluoroguanine OH O-amino | acid |
| CH ₃ H O 5-Fluorocytosine OH O-amino | acid |
| CH ₃ H O 8-Fluoroadenine OH O-amino | |
| CH ₃ H O 2-Fluoroadenine OH O-amino | acid |
| CH ₃ H O 2,8-Difluoroadenine OH O-amino | |
| CH ₃ H O 2-Fluorohypoxanthine OH O-amino | acid |
| CH ₃ H O 8-Fluorohypoxanthine OH O-amino | acid |
| CH ₃ H O 2,8-Difluorohypoxanthine OH O-amino | acid |
| CH ₃ H O 2-Aminoadenine OH O-amino | acid |
| CH ₃ H O 2-Amino-8-fluoroadenine OH O-amino | acid |
| CH ₃ H O 2-Amino-8-fluorohypoxanthine OH O-amino | |
| CH ₃ H O 2-Aminohypoxanthine OH O-amino | |
| CH ₃ H O 2-N-acetylguanine OH O-amino | acid |
| CH ₃ H O 4-N-acetylcytosine OH O-amino | acid acid |
| CH ₃ H O 6-N-acetyladenine OH O-amino | acid acid acid |
| CH ₃ H O 2-N-acetyl-8-fluoroguanine OH O-amino | acid acid acid acid |

| R ⁶ | \mathbb{R}^{7} | X | Base | R ⁸ | R ⁹ |
|-----------------|------------------|----|--------------------------------------|----------------|----------------|
| CH ₃ | H | ō | 4-N-acetyl-5-fluorocytosine | OH | O-amino acid |
| CH ₃ | Н | ō | 6-N-acetyl-2-fluoroadenine | OH | O-amino acid |
| CH ₃ | H | o | 6-N-acetyl-2,8-difluoroadenine | OH | O-amino acid |
| CH ₃ | H | ō | 6-N-acetyl-2-aminoadenine | OH | O-amino acid |
| CH ₃ | H | ō | 6-N-acetyl-2-amino-8-fluoroadenine | OH | O-amino acid |
| | H | ŏ | 2-N-acetylaminoadenine | OH | O-amino acid |
| CH ₃ | | ō | 2-N-acetylamino-8-fluoroadenine | OH | O-amino acid |
| | Н | ō | 2-N-acetylamino-8-fluorohypoxanthine | OH | O-amino acid |
| | H | ō | 2-N-acetylaminohypoxanthine | OH | OH |
| CH ₃ | O-amino acid | ō | Thymine | F | OH |
| CH ₃ | O-amino acid | ō | Uracil | F | ОН |
| | O-amino acid | ō | Guanine | F | OH |
| | O-amino acid | ō | Cytosine | F | ОН |
| | O-amino acid | ō | Adenine | F | ОН |
| | O-amino acid | ō | Hypoxanthine | F | ОН |
| | O-amino acid | ō | 5-Fluorouracil | F | ОН |
| i | O-amino acid | 0 | 8-Fluoroguanine | F | ОН |
| | O-amino acid | 0 | 5-Fluorocytosine | F | ОН |
| | O-amino acid | o | 8-Fluoroadenine | F | ОН |
| | O-amino acid | 0 | 2-Fluoroadenine | F | ОН |
| | O-amino acid | 0 | 2,8-Difluoroadenine | F | ОН |
| | O-amino acid | 0 | 2-Fluorohypoxanthine | F | ОН |
| | O-amino acid | 0 | 8-Fluorohypoxanthine | F | ОН |
| | O-amino acid | 0 | 2,8-Difluorohypoxanthine | F | ОН |
| - | O-amino acid | 0 | 2-Aminoadenine | F | ОН |
| | O-amino acid | 0 | 2-Amino-8-fluoroadenine | F | ОН |
| | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | F | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | F | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | F | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | F | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | OH |
| CH ₃ | O-amino acid | 0_ | 6-N-acetyl-2-fluoroadenine | F | OH |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | F | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | F | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | F | ОН |
| CH ₃ | O-acyl | 0 | Thymine | F | ОН |
| CH ₃ | O-acyl | 0 | Uracil | F | ОН |
| CH ₃ | O-acyl | 0 | Guanine | F | ОН |
| CH ₃ | O-acyl | 0 | Cytosine | F | ОН |
| CH ₃ | O-acyl | 0 | Adenine | F | ОН |
| CH ₃ | O-acyl | 0 | Hypoxanthine | F | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | F | ОН |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | F | ОН |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | F | ОН |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | F | ОН |
| CH ₃ | O-acyl | o | 2-Fluoroadenine | F | ОН |
| CH ₃ | O-acyl | Ō | 2,8-Difluoroadenine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl_ | ō | 8-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | ō | 2,8-Difluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | ō | 2-Aminoadenine | F | ОН |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | F | OH |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | ОН |
| CH ₃ | O-acyl | ō | 2-N-acetylguanine | F | OH |
| CH ₃ | O-acyl | ō | 4-N-acetylcytosine | F | ОН |
| CH ₃ | O-acyl | ō | 6-N-acetyladenine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | ОН |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | ·OH |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | F | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | F | OH · |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | OH |
| CH ₃ | O-amino acid | 0 | Thymine | Br | ОН |
| CH ₃ | O-amino acid | 0 | Uracil | Br | ОН |
| CH ₃ | O-amino acid | 0 | Guanine | Br | ОН |
| CH ₃ | O-amino acid | 0 | Cytosine | Br | ОН |
| | O-amino acid | 0 | Adenine | Br | ОН |
| _ | O-amino acid | 0 | Hypoxanthine | Br | ОН |
| | O-amino acid | 0 | 5-Fluorouracil | Br | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Br | OH |
| | O-amino acid | _ | 5-Fluorocytosine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Br | OH · |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Br | ОН |
| | O-amino acid | 0 | 2,8-Difluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Br | OH |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | Br | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | 0 | Thymine | Br | OH |
| CH ₃ | O-acyl | 0 | Uracil | Br | OH |
| CH ₃ | O-acyl | 0 | Guanine | Br | ОН |
| CH ₃ | O-acyl | 0 | Cytosine | Br | ОН |
| CH ₃ | O-acyl | 0 | Adenine | Br | ОН |
| CH ₃ | O-acyl | 0 | Hypoxanthine | Br | OH |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | Br | ОН |
| CH ₃ | O-acyl | Ó | 8-Fluoroguanine | Br | ОН |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Br | ОН |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | Br | OH |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Br | OH |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Br | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Br | ОН |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Br | OH |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Br | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Br | ОН |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Br | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Br | OH |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | 0 | Thymine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | Uracil | Cl | ОН |
| CH ₃ | O-amino acid | 0 | Guanine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | Cytosine | Cl | ОН |
| СП3 | O-amino acid | U | Cytosine | CI | Un |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | 0 | Adenine | Cl | OH |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | Cl | OH |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Cl | OH |
| | | 0 | 5-Fluorocytosine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Cl | ОН |
| CH₃ | O-amino acid | 0 | 2,8-Difluoroadenine | CI | ОН |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | CI | ОН |
| CH ₃ | | 0 | 2-Amino-8-fluoroadenine | Cl | ОН |
| | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Cl | ОН |
| | O-amino acid | 0 | 2-Aminohypoxanthine | Cl | OH |
| | O-amino acid | 0 | 2-N-acetylguanine | Cl | ОН |
| | O-amino acid | 0 | 4-N-acetylcytosine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | CI | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Cl | OH |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Cl | OH |
| | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | OH |
| | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | CI | ОН |
| CH ₃ | O-acyl | 0 | Thymine | CI | ОН |
| CH ₃ | O-acyl | 0 | Uracil | Cl | OH |
| CH ₃ | O-acyl | 0 | Guanine | Cl | ОН |
| CH ₃ | O-acyl | 0 | Cytosine | Cl | OH |
| | O-acyl | 0 | Adenine | Cl . | ОН |
| | O-acyl | 0 | Hypoxanthine | Cl | OH |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | CI | ОН |
| | O-acyl | 0 | 8-Fluoroguanine | Cl | OH |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | Cl | ОН |
| | O-acyl | 0 | 2-Fluoroadenine | Cl | OH |
| | O-acyl | 0 | 2,8-Difluoroadenine | CI | OH |
| | O-acyl | 0 | 2-Fluorohypoxanthine | Cl | ОН |
| | O-acyl | 0 | 8-Fluorohypoxanthine | Cl | ОН |
| | O-acyl | 0 | 2,8-Difluorohypoxanthine | CI | ОН |
| | O-acyl | 0 | 2-Aminoadenine | Cl | ОН |
| | O-acyl | 0 | 2-Amino-8-fluoroadenine | CI | ОН |
| | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | CI | ОН |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Cl | ОН |

| R ⁶ | R' | X | Base | R ⁸ | R ⁹ |
|-----------------|--------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | OH |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | Cl | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Cl | OH |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | OH |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | ОН |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | OH |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Cl | OH |
| CH ₃ | O-amino acid | 0 | Thymine | Н | OH |
| CH ₃ | O-amino acid | 0 | Uracil | Н | ОН |
| CH ₃ | O-amino acid | 0 | Guanine | Н | ОН |
| CH ₃ | O-amino acid | 0 | Cytosine | Н | OH |
| CH ₃ | O-amino acid | 0 | Adenine | Н | OH |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | Н | OH |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | Н | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | Н | OH |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | Н | OH |
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | Н | OH |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Н | OH |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Н | OH |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | H | OH |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | H | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | Н | OH |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Н | OH |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | H | OH |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | H | ОН |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | 0 | Thymine | Н | OH |
| CH ₃ | O-acyl | 0 | Uracil | Н | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | Н | ОН |
| CH ₃ | O-acyl | 0 | Cytosine | Н | ОН |
| CH ₃ | O-acyl | ō | Adenine | Н | ОН |
| CH ₃ | O-acyl | 0 | Hypoxanthine | Н | OH. |
| CH ₃ | O-acyl | Ō | 5-Fluorouracil | Н | ОН |
| CH ₃ | O-acyl | Ō | 8-Fluoroguanine | Н | OH |
| CH ₃ | O-acyl | ō | 5-Fluorocytosine | Н | OH |
| CH ₃ | O-acyl | ō | 8-Fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | ŏ | 2-Fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | ō | 2,8-Difluoroadenine | Н | ОН |
| CH ₃ | O-acyl | ō | 2-Fluorohypoxanthine | Н | OH |
| CH ₃ | O-acyl | ō | 8-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | ō | 2,8-Difluorohypoxanthine | Н | OH |
| CH ₃ | O-acyl | ŏ | 2-Aminoadenine | Н | OH |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | Н | OH |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluorohypoxanthine | Н | OH |
| CH ₃ | O-acyl | ō | 2-Aminohypoxanthine | H | OH |
| CH ₃ | O-acyl | ō | 2-N-acetylguanine | Н | OH |
| CH ₃ | O-acyl | ō | 4-N-acetylcytosine | Н | OH |
| CH ₃ | O-acyl | ō | 6-N-acetyladenine | H | OH |
| CH ₃ | O-acyl | ŏ | 2-N-acetyl-8-fluoroguanine | H | ОН |
| CH ₃ | O-acyl | ō | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CH ₃ | O-acyl | ō | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | ŏ | 6-N-acetyl-2,8-difluoroadenine | H | ОН |
| CH ₃ | O-acyl | o | 6-N-acetyl-2-aminoadenine | H | OH |
| CH ₃ | O-acyl | ō | 6-N-acetyl-2-amino-8-fluoroadenine | H | ОН |
| CH ₃ | O-acyl | ō | 2-N-acetylaminoadenine | Н | OH |
| CH ₃ | O-acyl | ō | 2-N-acetylamino-8-fluoroadenine | H. | OH |
| CH ₃ | O-acyl | ō | 2-N-acetylamino-8-fluorohypoxanthine | H | OH |
| CH ₃ | O-acyl | ō | 2-N-acetylaminohypoxanthine | H | Н |
| CH ₃ | O-amino acid | ō | Thymine | O-amino | H |
| (11) | | | | acid | • • |
| CH ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| 0,1,5 | 0 4 | | | acid | |
| CH ₂ | O-amino acid | 0 | Guanine | O-amino | H |
| 0.1.5 | 0 4 | | | acid | |
| CH ₃ | O-amino acid | 0 | Cytosine | O-amino | Н |
| , | | | | acid | · |
| CH ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| , | | | · · · | acid | |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| | | | · · | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino | Н |
| , | | | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | Н |
| , | | | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | H |
| , | | | | acid | |
| | | | | aciu | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-----------------|----------------|
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| | · | l | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | Н |
| _ | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | Н |
| l . | | 1 | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | H |
| | | | · | acid | |
| CH₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | H |
| | <u> </u> | | | acid | |
| CH₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | H |
| CIT | 0 | 0 | 2 N seed 9 flygger ages in a | acid | T T |
| CH₃ | O-amino acid | U | 2-N-acetyl-8-fluoroguanine | O-amino acid | Н |
| CH | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| CH ₃ | O-amino acid | | 4-IN-acetyl-3-Huolocytosine | acid | " |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| C113 | O-amino aciu | | 6-14-acctyl-z-muoroadcinne | acid | 11 |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| 0 | | | 0 1. access 2,0 amacroademine | acid | ** |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| 05 | | | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | • | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| | | | • | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | | - | acid | |
| CH ₃ | O-amino acid | O | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-acyl | 0 | Thymine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Uracil | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|---------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Adenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | O | 5-Fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | O | 2-Fluoroadenine | O-acyl | Н |
| CH₃ | O-acyl | 0 | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | Ō | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | H |
| CH ₃ | O-acyl | Ō | 4-N-acetylcytosine | O-acyl | H |
| CH ₃ | O-acyl | ō | 6-N-acetyladenine | O-acyl | H |
| CH ₃ | O-acyl | O | 2-N-acetyl-8-fluoroguanine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | Ō | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | Ŏ | 6-N-acetyl-2,8-difluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | ō | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | Ō | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-N-acetylaminoadenine | O-acyl | H |
| CH ₃ | O-acyl | ō | 2-N-acetylamino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | Ō | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | 0 | Thymine | O-amino | Н |
| | | | • | acid | |
| CH ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| | _ | | | acid | |
| CH ₃ | O-amino acid | 0 | Guanine | O-amino | Н |
| | | | | acid | · |
| CH ₃ | O-amino acid | 0 | Cytosine | O-amino | Н |
| • | | | - | acid | |
| CH ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| - | | | | acid | |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| - | _ | | | acid | [|
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino | Н |
| - | | | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| | | | • | acid | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|-----------------|----------------|
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | Н |
| | | <u> </u> | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | Н |
| - | | <u> </u> | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| CIT | 0 | _ | 2 Amino 8 Sur | acid | 17 |
| CH₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | H |
| CH ₃ | O-amino acid | 0 | 2 Aming & fluorahymavanthing | O-amino | Н |
| CH ₃ | O-amino acid | | 2-Amino-8-fluorohypoxanthine | 0-amino acid | " |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |
| C113 | O-ammo acid | | 2-Animonypoxammine | acid | , n |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| 113 | | | 2-11-acciyiguanine | acid | ' |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| " | J Limito dold | | weet just toomie | acid | - 1 |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | | - | acid | <u> </u> |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | | | | acid | |
| CH₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | | لــِــا | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | H. |
| CIT | 0 | | 2.31 | acid | - |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| CIT | O amino acid | | 2 N costylamina 9 Guardamanastitus | acid | 77 |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| CII | O amina asid | | 2 N gootylaminohymayathina | acid | 17 |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino | H |
| Cu | O-acyl | 0 | Thymine | acid | Н |
| CH ₃ | O-acyl | | Uracil | O-acyl | |
| CH ₃ | O-acyl | 0 | UIAUII | O-acyl | Н . |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | O-acyl | H |
| CH ₃ | O-acyl | o | Cytosine | O-acyl | H |
| CH ₃ | O-acyl | 0 | Adenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl | H |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | Ō | 2-Fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | Ō | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | H |
| $\overline{}$ | O-acyl | 0 | 2-Aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | H |
| | O-acyl | 0 | 2-N-acetylguanine | O-acyl | H |
| | O-acyl | 0 | 4-N-acetylcytosine | O-acyl | Н |
| | O-acyl | 0 | 6-N-acetyladenine | O-acyl | H |
| | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | 0 | Thymine | O-amino | Н |
| 1 [| | | - | acid | |
| CH ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Guanine | O-amino | Н |
| | | | | acid | <u> </u> |
| CH ₃ | O-amino acid | 0 | Cytosine | O-amino | Н |
| | | | · , | acid | |
| CH ₃ | O-amino acid | 0 | Adenine | O-amino | Н . |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | О | 5-Fluorouracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| | | | [| acid | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---------|---------------------------------------|-----------------|--|
| CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| | | <u></u> | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino | H |
| | | | | acid | |
| CH₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | <u> </u> |
| CH₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| 077 | | _ | 2.4-: | acid | |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | Н |
| CII | | | 2 Amino 9 Sugarahamanashina | acid | 11 |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino acid | Н |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |
| СПЗ | | | 2-Annionypoxaminne | acid | ^{ri} |
| CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| Cris | | | 2-14-acciyiguanine | acid | ** |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| -113 | | | | acid | ** |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | Н |
| | | | · · · · · · · · · · · · · · · · · · · | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | | · · | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Ή |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | | | | acid | |
| CH₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | H |
| 07: | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| CIT | 0 | _ | 2 N and domina 0 Green desire | acid | 77 |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| CII | O amira asid | _ | 2 N costularino 9 Guardania | acid | 17 |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| CH | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | acid | <u> </u> |
| CH ₃ | O-amino acid | J | z-iv-acciyiammonypoxantnine | O-amino | H |
| CH | O-acyl | 0 | Thymine | acid | |
| CH ₃ | | _ | Thymine Uracil | O-acyl | H |
| CH ₃ | O-acyl | 0 | UIAUII | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Adenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | H . |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | 0 | Thymine | O-amino | Н |
| | |] | • | acid | |
| CH ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| | 1 | | | acid | |
| CH ₃ | O-amino acid | 0 | Guanine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Cytosine | O-amino | Н |
| | | | - | acid | - |
| CH ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| | | <u> </u> | · | acid | |
| CH ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino | Н |
| | | _ | | acid · | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| | | | _ | acid | |
| | | | | | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | O | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | H |
| | | 1 | | acid | |
| CH ₃ | O-amino acid | O | 2-Fluorohypoxanthine | O-amino | H |
| l | | | | acid | 1 |
| CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino | Н |
| | | <u></u> | | acid | ł |
| CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| | | <u> </u> | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | · | acid | |
| CH ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |
| | | L | | acid | |
| CH ₃ | O-amino acid | О | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | <u> </u> |
| CH ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | H |
| 011 | 0 : :: | <u> </u> | 0.21 . 1.0.0 | acid | |
| CH ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| CH | O-amino acid | | A N costal 5 Constant | acid | ļ <u>.</u> |
| CH ₃ | O-amino acid | О | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | acid | 77 |
| CHI | O-animo acid | U | 0-14-acetyi-2-iidoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| C113 | O-animo acid | | 0-14-acctyl-2,8-diffuoroadenine | acid | 11 |
| CH₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | H |
| Ų., | | | o it accide 2-ammoudenine | acid | l n |
| CH ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| 4 | | | o iv assety. 2 animo o maoroadenme | acid | * |
| CH ₃ | O-amino acid | ō | 2-N-acetylaminoadenine | O-amino | Н |
| | | | | acid | ** |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | _ | | acid | ** |
| CH ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| -, | | - | - Marion ponditimo | acid | * * |
| CH ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino | Н |
| | | | yy p | acid | •• |
| CH ₃ | O-acyl | 0 | Thymine | O-acyl | Н |
| | | | Uracil | | |
| CH ₃ | O-acyl | 0 | Uracil | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|------------|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Adenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | 0 | Thymine | O-amino | Н |
| | | | - | acid | |
| CH ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Guanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Cytosine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | Ο | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino | Н |
| | | لــــــــا | | acid | |
| CH ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | H |
| | | <u></u> | | acid | |
| CH ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| | | | | acid | |

| CH3 O-amino acid O 8-Fluoroadenine O-amino acid acid acid acid H CH3 O-amino acid O 2-Fluoroadenine O-amino acid acid H CH3 O-amino acid O 2,8-Difluoroadenine O-amino acid acid H CH3 O-amino acid O 2-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 8-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 2,8-Difluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Aminoadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid D-amino acid H CH3 O-amino acid O 4-N-acetylguanine O-amino acid D-amino acid D- | R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|--|-----------------|----------------|--------------------|---------------------------------------|----------------|----------------|
| CH3 O-amino acid O 2-Fluoroadenine O-amino acid acid acid H CH3 O-amino acid O 2,8-Difluoroadenine O-amino acid acid H CH3 O-amino acid O 2-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 8-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 2-Aminoadenine O-amino acid acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid acid H CH3 O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid acid D-amino acid D-amino acid D-amino acid acid CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid D-amino acid< | CH ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| CH ₃ O-amino acid O 2,8-Difluoroadenine O-amino acid CH ₃ O-amino acid O 2-Fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Fluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2,8-Difluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2,8-Difluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2-Amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluorobypoxanthine O-amino Acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino Acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino Acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino Acid CH ₃ O-amino acid O 2-N-acetyleytosine O-amino Acid CH ₃ O-amino acid O 4-N-acetyleytosine O-amino Acid CH ₃ O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino Acid CH ₃ O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino Acid CH ₃ O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorobypoxanthine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxan | | | • | | acid | |
| CH3 O-amino acid O 2,8-Diffuoroadenine O-amino acid acid acid H CH3 O-amino acid O 2-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 8-Fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2,8-Diffuorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Aminoadenine O-amino acid O-amino acid <td>CH₃</td> <td>O-amino acid</td> <td>0</td> <td>2-Fluoroadenine</td> <td>O-amino</td> <td>Н</td> | CH ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| CH ₃ O-amino acid O 2-Fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2,8-Difluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2,8-Difluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluoroadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino Acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino Acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino Acid CH ₃ O-amino acid O 2-N-acetyladenine O-amino Acid CH ₃ O-amino acid O 2-N-acetyladenine O-amino Acid CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino Acid CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino Acid CH ₃ O-amino acid O 3-A-acetyl-2-fluorocytosine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino Acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino Acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino Ac | | | | | | |
| CH3 O-amino acid O 2-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 8-Fluorohypoxanthine O-amino acid acid O-amino acid H CH3 O-amino acid O 2,8-Difluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 4-N-acetyls-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-fluoroadenine O-amino acid O-amino acid O-amino acid O-amino acid CH3 O-amino acid O 6-N-acetyl-2-aminoadenine< | CH ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | Н |
| CH ₃ O-amino acid O 2,8-Fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2,8-Difluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Aminoadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Aminohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino ac | | | | | acid | ! |
| CH3 O-amino acid O 8-Fluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 2,8-Difluorohypoxanthine O-amino acid acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid O-a | CH ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | Н |
| CH3 O-amino acid O 2,8-Difluorohypoxanthine O-amino acid CH3 O-amino acid O 2-Aminoachine O-amino acid CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid CH3 O-amino acid O 2-Amino-8-fluorobypoxanthine O-amino acid CH3 O-amino acid O 2-Amino-8-fluorobypoxanthine O-amino acid CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid CH3 O-amino acid O 2-N-acetylguanine O-amino acid CH3 O-amino acid O 4-N-acetylcytosine O-amino acid CH3 O-amino acid O 6-N-acetyladenine O-amino acid CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino Acid CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino Acid CH3 O-amino acid O 6-N-acetyl-8-fluorocytosine O-amino Acid CH3 O-amino acid O 6-N-acetyl-2-fluorocytosine O-amino Acid CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino Acid CH3 O-amino acid O 6-N-acetyl-2-aminoadenine O-amino Acid CH3 O-amino acid O 2-N-acetylaminoadenine O-amino Acid CH3 O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino Acid CH3 O-amino Acid O-ami | | | | | acid | |
| CH3 O-amino acid O 2,8-Difluorohypoxanthine O-amino acid acid O 2-Aminoadenine O-amino acid acid O 2-Aminoadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetylcytosine O-amino acid O-amino acid O-amino acid O-amino acid O-amino acid </td <td>CH₃</td> <td>O-amino acid</td> <td>0</td> <td>8-Fluorohypoxanthine</td> <td>B.</td> <td>Н</td> | CH ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | B. | Н |
| CH ₃ O-amino acid O 2-Aminoadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Aminoypoxanthine O-amino acid CH ₃ O-amino acid O 2-Aminoypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 2-N-acetyladenine O-amino acid CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoro | | | | | | |
| CH3 O-amino acid O 2-Aminoadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid O-amino acid O-amino acid O- | CH ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | | Н |
| CH ₃ O-amino acid O 2-Amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-Aminohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyladenine O-amino acid CH ₃ O-amino acid O 2-N-acetyladenine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-8-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-gluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | | | | | | |
| CH3 O-amino acid O 2-Amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid H C | CH ₃ | O-amino acid | 0 | 2-Aminoadenine | 1 | Н |
| CH ₃ O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-2-fluorocytosine O-amino acid CH ₃ O-amino acid O 2-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-mino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorobypoxanthine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorobypoxanthine O-amino H acid CH ₃ O-acyl O Thymine O-acyl H | | | | | | |
| CH3 O-amino acid O 2-Amino-8-fluorohypoxanthine O-amino acid H acid CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H acid CH3 O-amino acid O 2-N-acetylguanine O-amino acid H acid CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H acid CH3 O-amino acid O 2-N-acetyladenine O-amino acid H acid CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H acid CH3 O-amino acid O 4-N-acetyl-8-fluorocytosine O-amino acid H acid CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H acid CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H acid CH3 O-amino acid O 6-N-acetyl-2,-amino-8-fluoroadenine O-amino acid H acid CH3 O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid H acid CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine </td <td>CH₃</td> <td>O-amino acid</td> <td>О</td> <td>2-Amino-8-fluoroadenine</td> <td>1</td> <td>H</td> | CH ₃ | O-amino acid | О | 2-Amino-8-fluoroadenine | 1 | H |
| CH ₃ O-amino acid O 2-Aminohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyladenine O-amino acid CH ₃ O-amino acid O 6-N-acetyladenine O-amino acid CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-guoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | | | | | | |
| CH3 O-amino acid O 2-Aminohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid O-amino acid | CH₃ | O-amino acid | О | 2-Amino-8-fluorohypoxanthine | | H |
| CH ₃ O-amino acid O 2-N-acetylguanine O-amino acid CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyladenine O-amino H acid CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-fluorocytosine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-g-aminoadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino H acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetyl-2-amino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino H acid CH ₃ O-acyl O Thymine O-acyl H | <u> </u> | | | | | |
| CH3 O-amino acid O 2-N-acetylguanine O-amino acid H CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid | CH₃ | O-amino acid | О | 2-Aminohypoxanthine | | H |
| CH ₃ O-amino acid O 4-N-acetylcytosine O-amino acid O-am | | | | | <u> </u> | |
| CH3 O-amino acid O 4-N-acetylcytosine O-amino acid H CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid O-amino acid CH3 O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid O-amino acid CH3 O-amino acid O 2-N-acetylaminohypoxanthine O-ami | CH ₃ | O-amino acid | 0 | 2-N-acetylguanine | | H |
| CH ₃ O-amino acid O 6-N-acetyl-8-fluoroguanine O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid O 3-mino acid O 4-N-acetyl-5-fluorocytosine O-amino acid O-acyl O-acyl O-acyl O-acyl O-acyl H | | | | | | |
| CH3 O-amino acid O 6-N-acetyladenine O-amino acid H CH3 O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid H CH3 O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid H CH3 O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid H CH3 O-amino acid O 2-N-acetylaminoadenine O-amino acid H CH3 O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid H CH3 O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid O-amino acid CH3 O-acyl O Thymine O-acyl H | CH ₃ | O-amino acid | O | 4-N-acetylcytosine | l . | H |
| CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CIT | | _ | | | |
| CH ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine O-amino acid CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH ₃ | O-amino acid | U | 6-N-acetyladenine | | H |
| CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino H acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CII | 0 | | 2 2 | | |
| CH ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH ₃ | O-amino acid | U | 2-N-acetyi-8-iluoroguanine | | H |
| CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CII | O amina said | | 4 N sector 6 Augustanias | | 17 |
| CH ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | СП3 | O-amino acid | U | 4-in-acetyi-5-iluorocytosine | i . | H |
| CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH. | O amino soid | | 6 N acetyl 2 fluoroadenina | | 11 |
| CH ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | СП3 | O-amino acid | | 0-14-acetyl-2-11u0l0adellille | | n |
| CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH. | O amino acid | | 6-N-acetyl-2 8-difluoroadenine | | и |
| CH ₃ O-amino acid O 6-N-acetyl-2-aminoadenine O-amino acid CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CIII | O-ammo acid | | 0-14-acciyi-2,0-dilidoloadcimic | 1 | 11 |
| CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH. | O-amino acid | $\overline{\circ}$ | 6-N-acetyl-2-aminoadenine | | ŭ |
| CH ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | 0113 | | | o iv acciti z ammodacimie | | ** |
| CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH ₂ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | | н |
| CH ₃ O-amino acid O 2-N-acetylaminoadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | , | | | 2 1. 2201/1 2 ammis o macroadonnio | | ** |
| CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH ₂ | O-amino acid | 0 | 2-N-acetylaminoadenine | | н |
| CH ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine O-amino acid CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | | | _ | | 1 | |
| CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | | H |
| CH ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthine O-amino acid CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | | | | | | |
| CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | CH ₂ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | | Н |
| CH ₃ O-amino acid O 2-N-acetylaminohypoxanthine O-amino acid CH ₃ O-acyl O Thymine O-acyl H | | | - | | | |
| CH3 O-acyl O Thymine acid O-acyl H | CH ₁ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | | H |
| CH ₃ O-acyl O Thymine O-acyl H | | | - | · · · · · · · · · · · · · · · · · · · | | |
| | CH ₃ | O-acyl | 0 | Thymine | | H |
| | CH ₃ | O-acyl | | | O-acyl | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | 0 | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Adenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl | Н |
| CH ₃ | O-acyl | ō | 8-Fluoroguanine | O-acyl | H |
| CH ₃ | O-acyl | ō | 5-Fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | ō | 8-Fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | ō | 2-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2,8-Difluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | ō | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | ŏ | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | Ō | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | ō | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | Н | 0 | Thymine | F | O-acyl |
| CF ₃ | Н | 0 | Uracil | F | O-acyl |
| CF ₃ | Н | 0 | Guanine | F | O-acyl |
| CF ₃ | Н | 0 | Cytosine | F | O-acyl |
| CF ₃ | Н | 0 | Adenine | F | O-acyl |
| CF ₃ | Н | 0 | Hypoxanthine | F | O-acyl |
| CF ₃ | H | 0 | 5-Fluorouracil | F | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | Н | 0 | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | 0 | 2-Aminoadenine | F | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | Н | 0 | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | Н | Ō | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | Н | Ō | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | H | ō | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | Н | ŏ | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | H | ŏ | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | H | ō | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | Thymine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | Uracil | F | O-acyl |
| CF ₃ | O-amino acid | ō | Guanine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | Cytosine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | Adenine | F | O-acyl |
| CF ₃ | O-amino acid | ō | Hypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | O-amino acid | ō | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | O-amino acid | Ö | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | Ö | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | Ö | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | Ö | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | ō | 2-Aminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | Ö | 2-Amino-8-fluoroadenine | F | O-acyl |
| | O-amino acid | ō | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | ō | 2-Aminohypoxanthine | F | O-acyl |
| | O-amino acid | | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | O-amino acid | ŏ | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | ō | 6-N-acetyl-2,8-difluoroadenine | F | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| | O-amino acid | 8 | | F | O-acyl |
| CF ₃ | | | 2-N-acetylamino-8-fluorohypoxanthine | | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | Thymine | F | O-acyl |
| CF ₃ | O-acyl | 0 | Uracil | F | O-acyl |
| CF ₃ | O-acyl | 0 | Guanine | F | O-acyl |
| CF ₃ | O-acyl | 0 | Cytosine | F | O-acyl |
| CF ₃ | O-acyl | О | Adenine | F | O-acyl |
| CF ₃ | O-acyl | ō | Hypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 5-Fluorouracil | F | O-acyl |
| CF ₃ | O-acyl | ō | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | O-acyl | ō | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | Ŏ | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | ō | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | Ō | 2-Aminoadenine | F | O-acyl |
| CF ₃ | O-acyl | ō | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | Thymine | F | O-acyl |
| CF ₃ | ОН | 0 | Uracil | F | O-acyl |
| CF ₃ | ОН | 0 | Guanine | F | O-acyl |
| CF ₃ | ОН | 0 | Cytosine | F | O-acyl |
| CF ₃ | ОН | 0 | Adenine | F | O-acyl |
| CF ₃ | ОН | 0 | Hypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorouracil | F | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | OH | 0 | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | 0 | 2-Aminoadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | OH | 0 | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | OH | 0 | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | ОН | 0 | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | OH | 0 | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | OH | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | H | 0 | Thymine | Br | O-acyl |
| CF ₃ | Н | 0 | Uracil | Br | O-acyl |
| CF ₃ | H | 0 | Guanine | Br | O-acyl |
| CF ₃ | Н | 0 | Cytosine | Br | O-acyl |
| CF ₃ | Н | 0 | Adenine | Br | O-acyl |
| CF ₃ | Н | 0 | Hypoxanthine | Br | O-acyl |
| CF ₃ | H · | 0 | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | H | 0 | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | H | 0 | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| | Н | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | H | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | H | 0 | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | H | 0 | 4-N-acetylcytosine | Br | O-acyl |
| | H | 0 | 6-N-acetyladenine | Br | O-acyl |
| | Н | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| | Н | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| | H | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| | Н | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | H · | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | O | Thymine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | Uracil | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | Guanine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | Cytosine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | Adenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | O-amino acid | o | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | ō | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | O | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Thymine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Uracil | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Guanine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Cytosine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Adenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---------------|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Br . | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | 0 | Thymine | Br | O-acyl |
| CF ₃ | ОН | 0 | Uracil | Br | O-acyl |
| CF ₃ | ОН | 0 | Guanine | Br | O-acyl |
| CF ₃ | ОН | 0 | Cytosine | Br | O-acyl |
| CF ₃ | ОН | 0 | Adenine | Br | O-acyl |
| CF ₃ | ОН | 0 | Hypoxanthine | Br | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | OH | 0 | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | OH | 0 | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | OH | 0 | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | OH | 0 | 2-Fluorohypoxanthine | Br_ | O-acyl |
| CF ₃ | OH | 0 | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | OH OH | 0 | 2,8-Difluorohypoxanthine | Br | O-acyl |
| | | | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | OH OH | 0 | 2-Amino-8-fluoroadenine | Br | O-acyl |
| | ОН | $\overline{}$ | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | 0 | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | | 0 | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | OH | 0 | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | OH | - | 6-N-acetyladenine | Br D- | O-acyl |
| CF ₃ | OH | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | OH | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | OH | | 6-N-acetyl-2,8-difluoroadenine | Br Br | O-acyl |
| CF ₃ | OH | 0 | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|----------------|--------|
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | 0 | Thymine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | Uracil | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | Guanine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | Cytosine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | Adenine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Cl . | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CF ₃ | ОН | 0 | Thymine | Cl | O-acyl |
| CF ₃ | ОН | 0 | Uracil | Cl | O-acyl |
| CF ₃ | ОН | 0 | Guanine | Cl | O-acyl |
| CF ₃ | ОН | 0 | Cytosine | Cl | O-acyl |
| CF ₃ | ОН | 0 | Adenine | Cl | O-acyl |
| CF ₃ | ОН | 0 | Hypoxanthine | Cl | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | Cl | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | OH | 0 | 8-Fluoroadenine | Cl | O-acyl |
| CF ₃ | OH | 0 | 2-Fluoroadenine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----|----------------|
| CF ₃ | OH | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| CF ₃ | ОН | О | 2-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | 0 | 8-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | o | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-Aminoadenine | CI | O-acyl |
| CF ₃ | ОН | Ŏ | 2-Amino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-Amino-8-fluorohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | OH | ŏ | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | ОН | ŏ | 6-N-acetyladenine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CF ₃ | OH | ō | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | ОН | ō | 6-N-acetyl-2-fluoroadenine | CI | O-acyl |
| CF ₃ | OH | ō | 6-N-acetyl-2,8-difluoroadenine | CI | O-acyl |
| CF ₃ | OH | ŏ | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CF ₃ | ОН | ō | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | ОН | ō | 2-N-acetylaminoadenine | CI | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | OH | ō | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-acyl |
| CF ₃ | ОН | Ō | 2-N-acetylaminohypoxanthine | CI | O-acyl |
| CF ₃ | Н | 0 | Thymine | Cl | O-acyl |
| CF ₃ | Н | 0 | Uracil | CI | O-acyl |
| CF ₃ | Н | 0 | Guanine | Cl | O-acyl |
| CF ₃ | Н | 0 | Cytosine | Cl | O-acyl |
| CF ₃ | Н | 0 | Adenine | CI | O-acyl |
| CF ₃ | Н | 0 | Hypoxanthine | Cl | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroguanine | Cl | O-acyl |
| CF ₃ | H | 0 | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2-Fluoroadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | Cl | O-acyl |
| CF ₃ | H | 0 | 2-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | H | 0 | 8-Fluorohypoxanthine | Cl | O-acyl |
| | Н | 0 | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2-Aminoadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | Cl | O-acyl |
| CF ₃ | H | 0 | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | Н | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyladenine | Cl | O-acyl |
| CF ₃ | H | 0 | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CF ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl_ |
| | Н | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----|----------------|
| CF ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | Н | O | 2-N-acetylaminoadenine | CI | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylamino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylaminohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | ō | Thymine | Cl | O-acyl |
| CF ₃ | O-amino acid | ō | Uracil | CI | O-acyl |
| CF ₃ | O-amino acid | ō | Guanine | Cl | O-acyl |
| CF ₃ | O-amino acid | ŏ | Cytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | ō | Adenine | Cl | O-acyl |
| CF ₃ | O-amino acid | ŏ | Hypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | ō | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | O-amino acid | ŏ | 8-Fluoroguanine | CI | O-acyl |
| CF ₃ | O-amino acid | ō | 5-Fluorocytosine | CI | O-acyl |
| CF ₃ | O-amino acid | ō | 8-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | ŏ | 2-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | o | 2,8-Difluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | Ō | 2-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | ŏ | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | ō | 2-Aminoadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | Ó | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | Ō | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| | Н | 0 | Thymine | Н | O-acyl |
| | Н | 0 | Uracil | Н | O-acyl |
| CF ₃ | Н | 0 | Guanine | Н | O-acyl |
| CF ₃ | Н | 0 | Cytosine | Н | O-acyl |
| CF ₃ | Н | 0 | Adenine | Н | O-acyl |
| CF ₃ | Н | 0 | Hypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorouracil | Н | O-acyl |
| | Н | 0 | 8-Fluoroguanine | H | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorocytosine | Н | O-acyl |

| R6 | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | 0 | 8-Fluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-Fluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | Н | o | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | O | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | Н | Ō | 4-N-acetylcytosine | H | O-acyl |
| CF ₃ | Н | o | 6-N-acetyladenine | Н | O-acyl |
| CF ₃ | Н | O | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | Н | Ō | 4-N-acetyl-5-fluorocytosine | H | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | Ŏ | 6-N-acetyl-2,8-difluoroadenine | H | O-acyl |
| CF ₃ | Н | O | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Thymine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Uracil | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Guanine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Cytosine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Adenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | H | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | O-amino acid | O | 4-N-acetylcytosine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | H | O-acyl |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Thymine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Uracil | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Guanine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Cytosine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Adenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | H | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | H | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | H | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | H | O-acyl |
| | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | H_ | O-acyl |
| | O-acyl | 0 | 2-N-acetylaminoadenine | H | O-acyl |
| | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | 0 | Thymine | Н | O-acyl |
| CF ₃ | ОН | 0 | Uracil | Н | O-acyl |
| CF ₃ | ОН | 0 | Guanine | Н | O-acyl |
| CF ₃ | OH | 0 | Cytosine | H | O-acyl ` |
| CF ₃ | OH | 0 | Adenine | Н | O-acyl |
| CF ₃ | ОН | 0 | Hypoxanthine | Н | O-acyl |
| CF ₃ | ОН | 0 | 5-Fluorouracil | H | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | 0 | 8-Fluoroguanine | Н | O-acyl |
| CF ₃ | ОН | o | 5-Fluorocytosine | Н | O-acyl |
| CF ₃ | ОН | ō | 8-Fluoroadenine | H | O-acyl |
| CF ₃ | ОН | lō | 2-Fluoroadenine | H | O-acyl |
| CF ₃ | ОН | Ō | 2,8-Difluoroadenine | H | O-acyl |
| CF ₃ | ОН | lŏ | 2-Fluorohypoxanthine | H | O-acyl |
| CF ₃ | ОН | o | 8-Fluorohypoxanthine | H | O-acyl |
| CF ₃ | ОН | ō | 2,8-Difluorohypoxanthine | H | O-acyl |
| CF ₃ | OH | ŏ | 2-Aminoadenine | H | O-acyl |
| CF ₃ | ОН | Ō | 2-Amino-8-fluoroadenine | H | O-acyl |
| CF ₃ | ОН | ō | 2-Amino-8-fluorohypoxanthine | H | O-acyl |
| CF ₃ | ОН | ō | 2-Aminohypoxanthine | H | O-acyl |
| CF ₃ | ОН | ŏ | 2-N-acetylguanine | H | O-acyl |
| CF ₃ | ОН | ŏ | 4-N-acetylcytosine | H | O-acyl |
| CF ₃ | OH | ō | 6-N-acetyladenine | Н | O-acyl |
| CF ₃ | OH | ŏ | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | ОН | ō | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CF ₃ | ОН | ō | 6-N-acetyl-2-fluoroadenine | H | O-acyl |
| CF ₃ | ОН | Ŏ | 6-N-acetyl-2,8-difluoroadenine | H | O-acyl |
| CF ₃ | ОН | Ō | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | ОН | Ō | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | Ō | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ | Н | 0 | Thymine | ОН | O-acyl |
| CF ₃ | Н | 0 | Uracil | OH | O-acyl |
| CF ₃ | Н | 0 | Guanine | ОН | O-acyl |
| CF ₃ | Н | 0 | Cytosine | ОН | O-acyl |
| CF ₃ | Н | 0 | Adenine | ОН | O-acyl |
| CF ₃ | H | 0 | Hypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorouracil | ОН | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroguanine | ОН | O-acyl |
| CF ₃ | Н | 0 | 5-Fluorocytosine | OH | O-acyl |
| CF ₃ | Н | 0 | 8-Fluoroadenine | ОН | O-acyl |
| | H | 0 | 2-Fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-Aminoadenine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | 0 | 2-N-acetylguanine | ОН | O-acyl |
| CF ₃ | Н | 0 | 4-N-acetylcytosine | OH | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyladenine | OH | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | H | O | 2-N-acetyl-8-fluoroguanine | ОН | O-acyl |
| CF ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | ОН | O-acyl |
| CF ₃ | Н | o | 6-N-acetyl-2-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | ОН | O-acyl |
| CF ₃ | H | ō | 6-N-acetyl-2-aminoadenine | ОН | O-acyl |
| CF ₃ | Н | ō | 6-N-acetyl-2-amino-8-fluoroadenine | OH | O-acyl |
| CF ₃ | H | ō | 2-N-acetylaminoadenine | OH | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylamino-8-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | ō | 2-N-acetylaminohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | ō | Thymine | F | O-amino acid |
| CF ₃ | H | ō | Uracil | F | O-amino acid |
| CF ₃ | Н | ō | Guanine | F | O-amino acid |
| CF ₃ | Н | ō | Cytosine | F | O-amino acid |
| CF ₃ | H | ō | Adenine | F | O-amino acid |
| CF ₃ | Н | ō | Hypoxanthine | F | O-amino acid |
| CF ₃ | H | Ō | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | Н | 0 | 5-Fluorocytosine | F | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | ,H | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | H | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | H | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | H | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | Thymine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | Uracil | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | Guanine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | Cytosine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | Adenine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | Hypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | O-amino acid | O | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | O-amino acid | Ō | 5-Fluorocytosine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | ŏ | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | ŏ | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | Ō | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | O-amino acid | Ō | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | Ō | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| | O-acyl | 0 | Thymine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | Uracil | F | O-amino acid |
| CF ₃ | O-acyl | 0 | Guanine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | Cytosine | F | O-amino acid |
| | O-acyl | 0 | Adenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | Hypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | F | O-amino acid |
| | O-acyl | 0 | 8-Fluoroadenine | F_ | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | F | O-amino acid |
| | O-acyl | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | O-acyl | o | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | Thymine | F | O-amino acid |
| CF ₃ | ОН | 0 | Uracil | F | O-amino acid |
| CF ₃ | ОН | 0 | Guanine | F | O-amino acid |
| CF ₃ | ОН | 0 | Cytosine | F | O-amino acid |
| CF ₃ | ОН | 0 | Adenine | F | O-amino acid |
| CF ₃ | ОН | 0 | Hypoxanthine | F | O-amino acid |
| CF ₃ | OH | 0 | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | ОН | 0 | 5-Fluorocytosine | F | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | OH | 0 | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | ОН | 0 | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | F · | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | Н | 0 | Thymine | Br | O-amino acid |
| CF ₃ | Н | 0 | Uracil | Br | O-amino acid |
| CF ₃ | Н | 0 | Guanine | Br | O-amino acid |

| CF3 H O Cytosine Br O-amino aci CF3 H O Adenine Br O-amino aci CF3 H O Hypoxanthine Br O-amino aci CF3 H O 5-Fluorouracil Br O-amino aci CF3 H O 5-Fluorosytosine Br O-amino aci CF3 H O 5-Fluoroadenine Br O-amino aci CF3 H O 8-Fluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-B-fluorobypoxanthine Br O-amino aci CF3 H O 2-Amino-B-fluorobypoxanthine Br O-amino aci CF3 H O 2-Amino-B-fluorobypo | R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|--|-----------------|----------------|----------------|---------------------------------------|----------------|----------------|
| CF3 H O Adenine Br O-amino aci CF3 H O Hypoxanthine Br O-amino aci CF3 H O 3-Fluorouracil Br O-amino aci CF3 H O 8-Fluorouracine Br O-amino aci CF3 H O 8-Fluorouracine Br O-amino aci CF3 H O 2-Fluorouracine Br O-amino aci CF3 H O 2-Fluorouracine Br O-amino aci CF3 H O 2-Fluorouracine Br O-amino aci CF3 H O 2,8-Difluorouracine Br O-amino aci CF3 H O 2,8-Difluorouracine Br O-amino aci CF3 H O 2,4-Mino-8-fluorouracine Br O-amino aci CF3 H O 2,4-Mino-8-fluorouracine Br O-amino aci CF3 H O 2,4-Mino-8-fluorouracine | | | | · · · · · · · · · · · · · · · · · · · | | |
| CF3 H O Hypoxanthine Br O-amino aci CF3 H O 3-Fluoroganine Br O-amino aci CF3 H O 8-Fluoroganine Br O-amino aci CF3 H O 5-Fluoroadenine Br O-amino aci CF3 H O 2-Fluoroadenine Br O-amino aci CF3 H O 2-Fluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O <td></td> <td></td> <td>+</td> <td> </td> <td></td> <td></td> | | | + | | | |
| CF3 H O 5-Fluoroguanine Br O-amino aci CF3 H O 8-Fluoroguanine Br O-amino aci CF3 H O 5-Fluorocytosine Br O-amino aci CF3 H O 8-Fluorodenine Br O-amino aci CF3 H O 2-Fluorodenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-denine Br O-amino aci CF3 H O 2-Amino-denine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fl | | | ┿ | | <u> </u> | |
| CF₃ H O 8-Fluoroguanine Br O-amino aci CF₃ H O 5-Fluorocytosine Br O-amino aci CF₃ H O 8-Fluoroadenine Br O-amino aci CF₃ H O 2-Fluorohypoxanthine Br O-amino aci CF₃ H O 2-Fluorohypoxanthine Br O-amino aci CF₃ H O 2-Fluorohypoxanthine Br O-amino aci CF₃ H O 2,8-Difluorohypoxanthine Br O-amino aci CF₃ H O 2,4-Mino-8-fluorodenine Br O-amino aci CF₃ H O 2,4-Macetylguanine Br O-amino aci CF₃ H O< | | | - | | | |
| CF3 H O 5-Fluorocytosine Br O-amino aci CF3 H O 8-Fluoroadenine Br O-amino aci CF3 H O 2-Fluoroadenine Br O-amino aci CF3 H O 2,8-Difluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-Briluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-Poxanthine Br O-amino aci CF3 H O 2-Amino-Poxanthine Br O-amino aci CF3 H O 2-Nacetylguanine Br O-amino aci CF3 H O | | | - | | | |
| CF3 H O 8-Fluoroadenine Br O-amino aci CF3 H O 2-Fluoroadenine Br O-amino aci CF3 H O 2,8-Difluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 8-Fluorohypoxanthine Br O-amino aci CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2,4-Mino-8-fluorodadenine Br O-amino aci CF3 H O 2-Amino-8-fluorodadenine Br O-amino aci CF3 H O 2-Amino-8-fluorodadenine Br O-amino aci CF3 H O 2-Amino-8-fluorodadenine Br O-amino aci CF3 H O 2-Amacetylguanine Br O-amino aci CF3 H O 4-N-acetylcytosine Br O-amino aci CF3 H < | | | | | | |
| CF3 H O 2-Fluoroadenine Br O-amino aci CF3 H O 2,8-Difluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2,4-mino-8-fluoroadenine Br O-amino aci CF3 H O 2,4-mino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2,4-N-acetylaguanine Br O-amino aci CF3 H O 4-N-acetyl-2-fluoroadenine Br O-amino aci <t< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td></t<> | | | - | | | |
| CF3 H O 2,8-Difluoroadenine Br O-amino aci CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 8-Fluorohypoxanthine Br O-amino aci CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-bypoxanthine Br O-amino aci CF3 H O 2-Aminohypoxanthine Br O-amino aci CF3 H O 2-N-acetylguanine Br O-amino aci CF3 H O 4-N-acetyllacytosine Br O-amino aci CF3 H O 4-N-acetyllacytosine Br O-amino aci CF3 H O 4-N-acetyllacytosine Br O-amino aci CF3 H | | | _ | | | |
| CF3 H O 2-Fluorohypoxanthine Br O-amino aci CF3 H O 8-Fluorohypoxanthine Br O-amino aci CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Amacetylguanine Br O-amino aci CF3 H O 4-N-acetyls-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyls-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-8-fluoroadenine Br | | | | | | |
| CF3 H O 8-Fluorohypoxanthine Br O-amino aci CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-B-fluorohypoxanthine Br O-amino aci CF3 H O 2-N-acetyleguanine Br O-amino aci CF3 H O 2-N-acetyleguanine Br O-amino aci CF3 H O 4-N-acetyleguanine Br O-amino aci CF3 H O 6-N-acetyleguanine Br O-amino aci CF3 | | | | | | |
| CF3 H O 2,8-Difluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-aefluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Aminohypoxanthine Br O-amino aci CF3 H O 2-Nacetylguanine Br O-amino aci CF3 H O 2-Nacetylguanine Br O-amino aci CF3 H O 4-Nacetylguanine Br O-amino aci CF3 H O 6-Nacetylguanine Br O-amino aci CF3 H O 6- | | | | | | |
| CF3 H O 2-Aminoadenine Br O-amino aci CF3 H O 2-Aminoa-8-fluoroadenine Br O-amino aci CF3 H O 2-Aminoa-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Macetylguanine Br O-amino aci CF3 H O 4-N-acetylgytosine Br O-amino aci CF3 H O 4-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 6-N-acetyl-18-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyl-8-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-g-diffuoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br < | | | | | | |
| CF3 H O 2-Amino-8-fluoroadenine Br O-amino aci CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Amino-Ascityleunine Br O-amino aci CF3 H O 2-N-acetyleunine Br O-amino aci CF3 H O 4-N-acetyleytosine Br O-amino aci CF3 H O 6-N-acetyleytosine Br O-amino aci CF3 H O 6-N-acetyleyt-S-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyleyt-Gluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-8-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-8-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluoroadenine Br | | | | | | |
| CF3 H O 2-Amino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-Aminohypoxanthine Br O-amino aci CF3 H O 2-N-acetylguanine Br O-amino aci CF3 H O 4-N-acetyleytosine Br O-amino aci CF3 H O 6-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyl-5-fluorocytosine Br O-amino aci CF3 H O 4-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-fluoroadenine Br | | · | - | Į | | |
| CF3 H O 2-Aminohypoxanthine Br O-amino aci CF3 H O 2-N-acetylguanine Br O-amino aci CF3 H O 4-N-acetyleytosine Br O-amino aci CF3 H O 6-N-acetyladenine Br O-amino aci CF3 H O 2-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyl-5-fluoroguanine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoa-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-fluoroadenine Br O-amino ac | | | | | | |
| CF3 H O 2-N-acetylguanine Br O-amino aci CF3 H O 4-N-acetylcytosine Br O-amino aci CF3 H O 6-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 2-N-acetyl-1-9-fluoroguanine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-g-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 2-N-acetylaminoa-8-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluoroadenine Br | | | | | | |
| CF3 H O 4-N-acetylcytosine Br O-amino aci CF3 H O 6-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 2-N-acetyl-8-fluoroguanine Br O-amino aci CF3 H O 4-N-acetyl-2-fluorocytosine Br O-amino aci CF3 H O 6-N-acetyl-2-fluoroadenine Br O-amino aci CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 2-N-acetylaminoadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluorodenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluorodenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluorodenine Br < | | | | | | |
| CF3HO6-N-acetyladenineBrO-amino aciCF3HO2-N-acetyl-8-fluoroguanineBrO-amino aciCF3HO4-N-acetyl-5-fluorocytosineBrO-amino aciCF3HO6-N-acetyl-2-fluoroadenineBrO-amino aciCF3HO6-N-acetyl-2,8-difluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoa-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOQuanineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOAfenineBrO-amino aciCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluorodenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3 | | | | | | |
| CF3HO2-N-acetyl-8-fluoroguanineBrO-amino aciCF3HO4-N-acetyl-5-fluorocytosineBrO-amino aciCF3HO6-N-acetyl-2-fluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-gluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoadenineBrO-amino aciCF3HO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminoadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOS-FluoroyacilBrO-amino acidCF3O-amino acidOS-FluoroyacineBrO-amino acidCF3O-amino acidOS-FluorodenineBrO-amino acidCF3O-amino acidOS-FluorohypoxanthineBrO-amino acidCF3< | | | | | | |
| CF3HO4-N-acetyl-5-fluorocytosineBrO-amino aciCF3HO6-N-acetyl-2-fluoroadenineBrO-amino aciCF3HO6-N-acetyl-2,8-difluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoadenineBrO-amino aciCF3HO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminoadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidO5-FluorouracilBrO-amino aciCF3O-amino acidO5-FluorouracilBrO-amino aciCF3O-amino acidO5-FluoroadenineBrO-amino aciCF3O-amino acidO2-FluorohypoxanthineBrO-amino aciCF3O-amino acidO2-FluorohypoxanthineBrO-amino aciCF3 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| CF3HO6-N-acetyl-2-fluoroadenineBrO-amino aciCF3HO6-N-acetyl-2,8-difluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoadenineBrO-amino aciCF3HO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminoadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOCytosineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO8-FluoroguanineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidC | | | | | | |
| CF3HO6-N-acetyl-2,8-difluoroadenineBrO-amino aciCF3HO6-N-acetyl-2-aminoadenineBrO-amino aciCF3HO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminoadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOCytosineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOHypoxanthineBrO-amino aciCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroytosineBrO-amino acidCF3O-amino acidO2-FluorodenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acid <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | |
| CF3 H O 6-N-acetyl-2-aminoadenine Br O-amino aci CF3 H O 6-N-acetyl-2-amino-8-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylaminoadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluoroadenine Br O-amino aci CF3 H O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino aci CF3 H O 2-N-acetylaminohypoxanthine Br O-amino aci CF3 O-amino acid O Thymine Br O-amino aci CF3 O-amino acid O Uracil Br O-amino aci CF3 O-amino acid O Guanine Br O-amino aci CF3 O-amino acid O Cytosine Br O-amino aci CF3 O-amino acid O Adenine Br O-amino aci CF3 O-amino acid O Hypoxanthine Br O-amino aci CF3 O-amino acid O Hypoxanthine Br O-amino aci CF3 O-amino acid O S-Fluorouracil Br O-amino aci CF3 O-amino acid O S-Fluorouracine Br O-amino acid | | | | | | |
| CF3HO6-N-acetyl-2-amino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylaminoadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOCytosineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOHypoxanthineBrO-amino aciCF3O-amino acidO5-FluorouracilBrO-amino aciCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO5-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| CF3 H O 2-N-acetylaminoadenine Br O-amino acid CF3 H O 2-N-acetylamino-8-fluoroadenine Br O-amino acid CF3 H O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CF3 H O 2-N-acetylamino-8-fluorohypoxanthine Br O-amino acid CF3 H O 2-N-acetylaminohypoxanthine Br O-amino acid CF3 O-amino acid O Thymine Br O-amino acid CF3 O-amino acid O Uracil Br O-amino acid CF3 O-amino acid O Guanine Br O-amino acid CF3 O-amino acid O Cytosine Br O-amino acid CF3 O-amino acid O Adenine Br O-amino acid CF3 O-amino acid O Hypoxanthine Br O-amino acid CF3 O-amino acid O S-Fluorouracil Br O-amino acid CF3 O-amino acid O S-Fluorouracil Br O-amino acid CF3 O-amino acid O S-Fluorouracil Br O-amino acid CF3 O-amino acid O S-Fluoroytosine Br O-amino acid CF3 O-amino acid O S-Fluoroytosynosanthine Br O-amino acid O-amino acid O S-Fluoroytosynosanthine Br O-amino acid O-amino acid O-amino acid O S-Aminoadenine Br O-amino acid O-amino acid O-aminoacid O-aminoacid O-aminoacid O-aminoacid O-aminoacid O-aminoacid O-aminoacid O-aminoacid O-amin | | | | | 1 | |
| CF3HO2-N-acetylamino-8-fluoroadenineBrO-amino aciCF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino aciCF3HO2-N-acetylaminohypoxanthineBrO-amino aciCF3O-amino acidOThymineBrO-amino aciCF3O-amino acidOUracilBrO-amino aciCF3O-amino acidOGuanineBrO-amino aciCF3O-amino acidOCytosineBrO-amino aciCF3O-amino acidOAdenineBrO-amino aciCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorodenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBr <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | |
| CF3HO2-N-acetylamino-8-fluorohypoxanthineBrO-amino acidCF3HO2-N-acetylaminohypoxanthineBrO-amino acidCF3O-amino acidOThymineBrO-amino acidCF3O-amino acidOUracilBrO-amino acidCF3O-amino acidOGuanineBrO-amino acidCF3O-amino acidOCytosineBrO-amino acidCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO3-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO3-FluorohypoxanthineBrO-amino acidCF3O-amino acidO3-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | | |
| CF3HO2-N-acetylaminohypoxanthineBrO-amino acidCF3O-amino acidOThymineBrO-amino acidCF3O-amino acidOUracilBrO-amino acidCF3O-amino acidOGuanineBrO-amino acidCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO5-FluorodenineBrO-amino acidCF3O-amino acidO2-FluorodenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | | |
| CF3O-amino acidOThymineBrO-amino acidCF3O-amino acidOUracilBrO-amino acidCF3O-amino acidOGuanineBrO-amino acidCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO8-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,4-MinoadenineBrO-amino acid | | | _ | | | |
| CF3O-amino acidOUracilBrO-amino acidCF3O-amino acidOGuanineBrO-amino acidCF3O-amino acidOCytosineBrO-amino acidCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluoroytosineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acid | | | | | | |
| CF3O-amino acidOGuanineBrO-amino acidCF3O-amino acidOCytosineBrO-amino acidCF3O-amino acidOAdenineBrO-amino acidCF3O-amino acidOHypoxanthineBrO-amino acidCF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO5-FluoroguanineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acid | - | | | | | |
| CF ₃ O-amino acid O Cytosine CF ₃ O-amino acid O Adenine CF ₃ O-amino acid O Hypoxanthine CF ₃ O-amino acid O Hypoxanthine CF ₃ O-amino acid O S-Fluorouracil CF ₃ O-amino acid O 8-Fluoroguanine CF ₃ O-amino acid O 5-Fluorocytosine CF ₃ O-amino acid O 8-Fluorocytosine CF ₃ O-amino acid O 8-Fluoroadenine CF ₃ O-amino acid O 8-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Biluorohypoxanthine CF ₃ O-amino acid O 2-Biluorohypoxanthine CF ₃ O-amino acid O 2-Biluorohypoxanthine CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine | | | | | | O-amino acid |
| CF ₃ O-amino acid O Adenine CF ₃ O-amino acid O Hypoxanthine CF ₃ O-amino acid O 5-Fluorouracil CF ₃ O-amino acid O 8-Fluoroguanine CF ₃ O-amino acid O 5-Fluorocytosine CF ₃ O-amino acid O 5-Fluorocytosine CF ₃ O-amino acid O 8-Fluoroadenine CF ₃ O-amino acid O 8-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Bluorohypoxanthine CF ₃ O-amino acid O 2-Bluorohypoxanthine CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid C-amino acid O 2-Aminoadenine Br O-amino acid C-amino aci | | | | | | |
| CF ₃ O-amino acid O Hypoxanthine CF ₃ O-amino acid O 5-Fluorouracil CF ₃ O-amino acid O 8-Fluoroguanine CF ₃ O-amino acid O 5-Fluorocytosine CF ₃ O-amino acid O 8-Fluorocytosine CF ₃ O-amino acid O 8-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2-Fluoroadenine CF ₃ O-amino acid O 2,8-Difluoroadenine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 2-Fluorohypoxanthine CF ₃ O-amino acid O 8-Fluorohypoxanthine CF ₃ O-amino acid O 2-Buorohypoxanthine CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid | | | | | Br | |
| CF3O-amino acidO5-FluorouracilBrO-amino acidCF3O-amino acidO8-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | | O-amino acid |
| CF3O-amino acidO8-FluoroguanineBrO-amino acidCF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | Br | |
| CF3O-amino acidO5-FluorocytosineBrO-amino acidCF3O-amino acidO8-FluoroadenineBrO-amino acidCF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | | O-amino acid |
| CF ₃ O-amino acid O 8-Fluoroadenine Br O-amino acid CF ₃ O-amino acid O 2-Fluoroadenine Br O-amino acid CF ₃ O-amino acid O 2,8-Difluoroadenine Br O-amino acid CF ₃ O-amino acid O 2-Fluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 8-Fluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2,8-Difluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2,8-Difluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid | · | | | | | O-amino acid |
| CF3O-amino acidO2-FluoroadenineBrO-amino acidCF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | | | Br | O-amino acid |
| CF3O-amino acidO2,8-DifluoroadenineBrO-amino acidCF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | | | $\overline{}$ | | Br | O-amino acid |
| CF3O-amino acidO2-FluorohypoxanthineBrO-amino acidCF3O-amino acidO8-FluorohypoxanthineBrO-amino acidCF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | ightarrow | | | | Br | O-amino acid |
| CF ₃ O-amino acid O 8-Fluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2,8-Difluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid O- | | | | · | Br | O-amino acid |
| CF ₃ O-amino acid O 2,8-Difluorohypoxanthine Br O-amino acid CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid | | | 0 | | Br | O-amino acid |
| CF3O-amino acidO2,8-DifluorohypoxanthineBrO-amino acidCF3O-amino acidO2-AminoadenineBrO-amino acid | CF ₃ | | 0 | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ O-amino acid O 2-Aminoadenine Br O-amino acid | CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| | CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ O-amino acid O 2-Amino-8-fluoroadenine Br O-amino acid | CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| | | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Br . | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Thymine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Uracil | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Guanine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Cytosine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Adenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | 0 | Thymine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--|----------------|---------------------------|
| CF ₃ | OH | o | Uracil | Br | O-amino acid |
| CF ₃ | ОН | ŏ | Guanine | Br | O-amino acid |
| CF ₃ | ОН | o | Cytosine | Br | O-amino acid |
| CF ₃ | OH | ō | Adenine | Br | O-amino acid |
| CF ₃ | OH | tö | Hypoxanthine | Br | O-amino acid |
| CF ₃ | OH | Ö | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | OH | ŏ | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | OH | ŏ | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | OH | ŏ | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | OH | ō | 2-Fluoroadenine | Br | |
| CF ₃ | OH | o | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-Fluorohypoxanthine | Br | O-amino acid O-amino acid |
| CF ₃ | OH | 0 | 8-Fluorohypoxanthine | Br | |
| CF ₃ | OH | 0 | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-Animoauchine 2-Animoauchine | Br | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-Anino-s-ruoronypoxantime 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | OH | 0 | 4-N-acetylcytosine | | O-amino acid |
| CF ₃ | OH | 0 | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| | OH | 0 | | Br | O-amino acid |
| CF ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF₃ | | 0 | | Br | O-amino acid |
| CF ₃ | OH | | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CF₃ | OH | 0 | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF₃ | H | 0 | Thymine | Cl | O-amino acid |
| CF ₃ | H | 0 | Uracil | Cl | O-amino acid |
| | Н | 0 | Guanine | CI | O-amino acid |
| | H · | 0 | Cytosine | CI | O-amino acid |
| | H | 0 | Adenine | Cl | O-amino acid |
| \rightarrow | H | 0 | Hypoxanthine | CI | O-amino acid |
| | H | 0 | 5-Fluorouracil | Cl | O-amino acid |
| | H | 0 | 8-Fluoroguanine | Cl | O-amino acid |
| | H | 0 | 5-Fluorocytosine | Cl | O-amino acid |
| | H | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| | H | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | H | 0 | 2,8-Difluoroadenine | Cl | O-amino acid |
| | Н | 0 | 2-Fluorohypoxanthine | CI | O-amino acid |
| | H | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |
| | H | 0 | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | H | 0 | 2-Aminoadenine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | CI | O-amino acid |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylguanine | CI | O-amino acid |
| CF ₃ | Н | O | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | Н | O | 6-N-acetyladenine | CI | O-amino acid |
| CF ₃ | Н | o | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | CI | O-amino acid |
| CF ₃ | O-amino acid | 0 | Thymine | CI | O-amino acid |
| CF ₃ | O-amino acid | 0 | Uracil | CI | O-amino acid |
| CF ₃ | O-amino acid | 0 | Guanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | Cytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | Adenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | CI | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | О | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | Thymine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | Uracil | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | Guanine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | Cytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | Adenine . | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Ci | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | CI | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | 0 | Thymine | CI | O-amino acid |
| CF ₃ | ОН | 0 | Uracil | Cl | O-amino acid |
| CF ₃ | ОН | 0 | Guanine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | Cytosine | CI | O-amino acid |
| CF ₃ | ОН | 0 | Adenine | CI | O-amino acid |
| CF ₃ | ОН | 0 | Hypoxanthine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 5-Fluorouracil | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | Cl | O-amino acid |
| CF ₃ | OH | 0 | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 2,8-Difluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluorohypoxanthine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|----------------|--------------|
| CF ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminoadenine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylguanine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyladenine | CI | O-amino acid |
| CF ₃ | ОН | o | 2-N-acetyl-8-fluoroguanine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 4-N-acetyl-5-fluorocytosine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | CI | O-amino acid |
| CF ₃ | ОН | О | 6-N-acetyl-2,8-difluoroadenine | CI | O-amino acid |
| CF ₃ | OH | 0 | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | OH | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | ·Cl | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Ci | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | 0 | Thymine | Н | O-amino acid |
| CF ₃ | Н | 0 | Uracil | Н | O-amino acid |
| CF ₃ | Н | 0 | Guanine | Н | O-amino acid |
| CF ₃ | Н | 0 | Cytosine | Н | O-amino acid |
| | Н | 0 | Adenine | Н | O-amino acid |
| | Н | 0 | Hypoxanthine | Н | O-amino acid |
| | Н | 0 | 5-Fluorouracil | Н | O-amino acid |
| | Н | 0 | 8-Fluoroguanine | Н | O-amino acid |
| | Н | 0 | 5-Fluorocytosine | Н | O-amino acid |
| | Н | 0 | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | H | 0 | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| | H | 0 | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| | Н | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylguanine | Н | O-amino acid |
| | Н | 0 | 4-N-acetylcytosine | Н | O-amino acid |
| | Н | 0 | 6-N-acetyladenine | Н | O-amino acid |
| | Н | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| | H | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| | H | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| | Н | 0 | 6-N-acetyl-2-aminoadenine | H | O-amino acid |
| | H · | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | H | O-amino acid |
| CF ₃ | 4.4 ! | | | | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | Thymine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | Uracil | Н | O-amino acid |
| CF ₃ | O-amino acid | O | Guanine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | Cytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | Adenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | O-amino acid | o | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-Fluorohypoxanthine | H | O-amino acid |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | ō | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | Ō | 2-Amino-8-fluoroadenine | H | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | Ō | 6-N-acetyladenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | H | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | Thymine | H | O-amino acid |
| CF ₃ | O-acyl | 0 | Uracil | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | Guanine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | Cytosine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | Adenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | Hypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | O-acyl | ō | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | O-acyl | ō | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | ō | 2-Fluoroadenine | Н | O-amino acid |
| | | ŏ | 2,8-Difluoroadenine | H | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | H | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | H | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | 0 | Thymine | Н | O-amino acid |
| CF ₃ | ОН | 0 | Uracil | H | O-amino acid |
| CF ₃ | ОН | 0 | Guanine | Н | O-amino acid |
| CF ₃ | ОН | 0 | Cytosine | Н | O-amino acid |
| CF ₃ | ОН | 0 | Adenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | Hypoxanthine | H | O-amino acid |
| CF ₃ | ОН | 0 | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | OH | 0 | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 8-Fluorohypoxanthine | H | O-amino acid |
| CF ₃ | ОН | 0 | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-Aminohypoxanthine | Н | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | OH | 0 | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyladenine | H | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | OH | 0 | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | O | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | OH | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | 0 | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | H | O | Thymine | ОН | O-amino acid |
| CF ₃ | Н | 0 | Uracil | ОН | O-amino acid |
| CF ₃ | Н | 0 | Guanine | ОН | O-amino acid |
| CF ₃ | Н | 0 | Cytosine | ОН | O-amino acid |
| CF ₃ | Н | 0 | Adenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | Hypoxanthine | OH | O-amino acid |
| CF ₃ | Н | 0 | 5-Fluorouracil | ОН | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluoroguanine | OH | O-amino acid |
| CF ₃ | Н | 0 | 5-Fluorocytosine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluoroadenine | OH | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2,8-Difluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2-Fluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 8-Fluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | H | 0 | 2,8-Difluorohypoxanthine | OH | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminoadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2-Amino-8-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2-Amino-8-fluorohypoxanthine | OH | O-amino acid |
| CF ₃ | Н | 0 | 2-Aminohypoxanthine | OH | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylguanine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 4-N-acetylcytosine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyladenine | OH | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetyl-8-fluoroguanine | OH | O-amino acid |
| CF ₃ | Н | 0 | 4-N-acetyl-5-fluorocytosine | OH | O-amino acid |
| CF ₃ | H | 0 | 6-N-acetyl-2-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2,8-difluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-aminoadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylaminoadenine | ОН | O-amino acid |
| | Н | 0 | 2-N-acetylamino-8-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | 0 | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | H | 0 | 2-N-acetylaminohypoxanthine | OH | OH_ |
| CF ₃ | O-amino acid | 0 | Thymine | F | OH |
| CF ₃ | O-amino acid | 0 | Uracil | F | OH |
| CF ₃ | O-amino acid | 0 | Guanine | F | OH |
| CF ₃ | O-amino acid | 0 | Cytosine | F | OH |
| CF ₃ | O-amino acid | 0 | Adenine | F | ОН |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | F | ОН |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | F | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | F | ОН |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | F | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | F | OH |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | F | ОН |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | F | ОН |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | F | OH |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | F | ОН |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | F | ОН |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | F | OH |
| CF ₃ | O-amino acid | ō | 2-Aminohypoxanthine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | F | OH |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | F | OH |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | F | OH |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | F | OH |
| CF ₃ | O-amino acid | Ō | 6-N-acetyl-2-fluoroadenine | F | OH |
| CF ₃ | O-amino acid | ō | 6-N-acetyl-2,8-difluoroadenine | F | OH |
| CF ₃ | O-amino acid | O | 6-N-acetyl-2-aminoadenine | F | OH |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | F | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | F | OH |
| CF ₃ | O-acyl | 0 | Thymine | F | ОН |
| CF ₃ | O-acyl | 0 | Uracil | F | OH |
| CF ₃ | O-acyl | О | Guanine | F | ОН |
| CF ₃ | O-acyl | 0 | Cytosine | F | ОН |
| CF ₃ | O-acyl | 0 | Adenine | F | OH . |
| CF ₃ | O-acyl | 0 | Hypoxanthine | F | OH |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | F | OH |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | F | OH |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | F | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | F | OH |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | F | ОН |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | F | OH |
| | O-acyl | 0 | 2-Fluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | F | OH |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | F | OH |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | F | OH |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | F | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | F | ОН |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | F | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | F | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | F | ОН |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | F | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | F | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------|----------------|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | Ö | 6-N-acetyl-2,8-difluoroadenine | F | OH |
| CF ₃ | O-acyl | o | 6-N-acetyl-2-aminoadenine | F | OH |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | F | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | F | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | F | OH |
| CF ₃ | O-acyl | 6 | 2-N-acetylamino-8-fluorohypoxanthine | F | |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | F | OH |
| | O-acyi O-amino acid | 6 | Thymine Thymine | Br | OH |
| CF ₃ | O-amino acid | 0 | Uracil | | OH |
| CF ₃ | | 0 | Guanine | Br | OH |
| CF ₃ | O-amino acid | - - | | Br | OH |
| CF ₃ | O-amino acid | 0 | Cytosine Adenine | Br | OH |
| CF ₃ | O-amino acid | 0 | | Br | OH |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Br | OH |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Br | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | Br | OH |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Br | OH |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Br | ОН |
| CF ₃ | O-acyl | 0 | Thymine | Br | ОН |
| CF ₃ | O-acyl | 0 | Uracil | Br | ОН |
| CF ₃ | O-acyl | 0 | Guanine | Br | ОН |
| CF ₃ | O-acyl | 0 | Cytosine | Br | ОН |
| CF ₃ | O-acyl | 0 | Adenine | Br | ОН |
| CF ₃ | O-acyl | ŏ | Hypoxanthine | Br | OH |
| CF ₃ | O-acyl | ō | 5-Fluorouracil | Br | OH |
| CF ₃ | O-acyl | ŏ | 8-Fluoroguanine | Br | ОН |
| <u> </u> | <u>~ ~~j.</u> | | 2 P | | - C11 |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------------|---------------|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | Br | ОН |
| CF ₃ | O-acyl | Ō | 8-Fluoroadenine | Br | OH |
| CF ₃ | O-acyl | Ō | 2-Fluoroadenine | Br | OH |
| CF ₃ | O-acyl | Ō | 2,8-Difluoroadenine | Br | ОН |
| CF ₃ | O-acyl | ō | 2-Fluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | ŏ | 8-Fluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | ō | 2,8-Difluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | ō | 2-Aminoadenine | Br | OH |
| CF ₃ | O-acyl | ŏ | 2-Amino-8-fluoroadenine | Br | OH |
| CF ₃ | O-acyl | ō | 2-Amino-8-fluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Br | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | Br | OH |
| CF ₃ | O-acyl | ō | 4-N-acetylcytosine | Br | OH |
| CF ₃ | O-acyl | 0 | 6-N-acetyledenine | Br | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Br | OH |
| | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Br | OH |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Br | OH |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-Huoroadenine | Br | OH |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Br | OH. |
| | | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Br | OH |
| CF₃ CF₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Br | OH |
| CF ₃ | O-acyl O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Br | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Br | OH |
| | O-acyl | 0 | 2-N-acetylamino-8-11dofonypoxanthine | Br | OH |
| CF ₃ | O-acyl O-amino acid | 0 | Thymine | Cl | OH |
| CF ₃ | O-amino acid | 0 | Uracil | Cl | OH |
| CF ₃ | O-amino acid | 0 | Guanine | CI | |
| _ | O-amino acid | 0 | Cytosine | Cl | ОН |
| CF ₃ | O-amino acid | 0 | Adenine | Cl | OH |
| | O-amino acid | 0 | Hypoxanthine | Cl | ОН |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Cl | OH |
| | O-amino acid | 0 | 8-Fluoroguanine | Cl | OH |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | Cl | OH |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Cl | OH |
| CF ₃ | O-amino acid | 片 | 2-Fluoroadenine | Cl | OH |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Cl | OH |
| | | _ | 2-Fluorohypoxanthine | CI | |
| CF ₃ | O-amino acid O-amino acid | 0 | 8-Fluorohypoxanthine | | OH |
| CF ₃ | | 0 | | Cl | OH |
| CF ₃ | O-amino acid | $\overline{}$ | 2,8-Difluorohypoxanthine | Cl | OH |
| CF₃ | O-amino acid | 0 | 2-Aminoadenine | Cl | OH |
| CF₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Cl | OH |
| CF ₃ | O-amino acid | 9 | 2-Amino-8-fluorohypoxanthine | CI | OH |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Cl | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Cl | OH |
| CF ₃ | O-amino acid | ŏ | 4-N-acetylcytosine | Cl | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | CI | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | CI | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | CI | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | CI | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | CI | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | CI | ОН |
| CF ₃ | O-amino acid | ō | 6-N-acetyl-2-amino-8-fluoroadenine | CI | OH |
| CF ₃ | O-amino acid | Ō | 2-N-acetylaminoadenine | CI | OH |
| CF ₃ | O-amino acid | ō | 2-N-acetylamino-8-fluoroadenine | Ci | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | CI | OH |
| CF ₃ | O-amino acid | ō | 2-N-acetylaminohypoxanthine | Ci | OH |
| CF ₃ | O-acyl | 0 | Thymine | Cl | ОН |
| CF ₃ | O-acyl | Ō | Uracil | CI | OH |
| CF ₃ | O-acyl | 0 | Guanine | Cl | ОН |
| CF ₃ | O-acyl | 0 | Cytosine | CI | ОН |
| CF ₃ | O-acyl | 0 | Adenine | CI | ОН |
| CF ₃ | O-acyl | 0 | Hypoxanthine | CI | OH |
| CF ₃ | O-acyl | O | 5-Fluorouracil | CI | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | CI | ОН |
| CF ₃ | O-acyl | 0 | 5-Fluorocytosine | CI | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | CI | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | CI | OH |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | CI | OH |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | CI | ОН |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | CI | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | CI | OH |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | CI | ОН |
| | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Cl | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Cl | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Cl | OH |
| CF ₃ | O-amino acid | 0 | Thymine | Н | ОН |
| CF ₃ | O-amino acid | 0 | Uracil | Н | ОН |
| CF ₃ | O-amino acid | 0 | Guanine | Н | ОН |
| CF ₃ | O-amino acid | 0 | Cytosine | Н | ОН |
| CF ₃ | O-amino acid | 0 | Adenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | Н | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | Н | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | H | ОН |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | Н | OH |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | Н | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | OH |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | 0 | Thymine | Н | ОН |
| CF ₃ | O-acyl | 0 | Uracil | Н | ОН |
| CF ₃ | O-acyl | 0 | Guanine | Н | OH |
| CF ₃ | O-acyl | 0 | Cytosine | Н | ОН |
| CF ₃ | O-acyl | 0 | Adenine | H | ОН |
| CF ₃ | O-acyl | 0 | Hypoxanthine | H | ОН |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | Н | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | H | ОН |
| | O-acyl | 0 | 5-Fluorocytosine | Н | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | H | ОН |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | <u>H</u> | OH |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | H | ОН |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | H | ОН |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | Н | ОН |

| R ⁶ | R | X | Base | R ⁸ | R ⁹ |
|-----------------|--------------|---|--------------------------------------|-----------------|----------------|
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | Н | ОН |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | Н | OH |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | Н | Н |
| CF ₃ | O-amino acid | 0 | Thymine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Uracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Guanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Cytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Adenine | O-amino acid | H |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-----------------|----------------|
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| | ļ | | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| <u> </u> | · | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | | L | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| | | _ | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| <u> </u> | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| OF. | 0 | | :2 N | acid | 77 |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino acid | Н |
| CF ₃ | O-acyl | 0 | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Guanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Cytosine | O-acyl | H |
| CF ₃ | O-acyl | 0 | Adenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | ō | 8-Fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | Ō | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | Ō | 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | Ō | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|-----------------|---|
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | 0 | Thymine | O-amino acid | H |
| CF ₃ | O-amino acid | 0 | Uracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Guanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Cytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Adenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |

| | | R |
|---|-------------|----------|
| | acid | |
| CF ₃ O-amino acid O 2-N-acetylguanine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 4-N-acetylcytosine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 6-N-acetyladenine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | acid | <u> </u> |
| CF ₃ O-amino acid O 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | H |
| | acid | |
| CF ₃ O-amino acid O 2-N-acetylaminoadenine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 2-N-acetylamino-8-fluorohypoxanthi | ine O-amino | Н |
| | acid | |
| CF ₃ O-amino acid O 2-N-acetylaminohypoxanthine | O-amino | Н |
| | acid | |
| CF ₃ O-acyl O Thymine | O-acyl | Н |
| CF ₃ O-acyl O Uracil | O-acyl | Н |
| CF ₃ O-acyl O Guanine | O-acyl | H |
| CF ₃ O-acyl O Cytosine | O-acyl | H |
| CF ₃ O-acyl O Adenine | O-acyl | Н |
| CF ₃ O-acyl O Hypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 5-Fluorouracil | O-acyl | Н |
| CF ₃ O-acyl O 8-Fluoroguanine | O-acyl | Н |
| CF ₃ O-acyl O 5-Fluorocytosine | O-acyl | Н |
| CF ₃ O-acyl O 8-Fluoroadenine | O-acyl | Н |
| CF ₃ O-acyl O 2-Fluoroadenine | O-acyl | Н |
| CF ₃ O-acyl O 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ O-acyl O 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 2-Aminoadenine | O-acyl | Н |
| CF ₃ O-acyl O 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ O-acyl O 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ O-acyl O 2-N-acetylguanine | O-acyl | Н |
| | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-----------------|----------------|
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | O | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | 0 | Thymine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Uracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Guanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Cytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Adenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-----------------|----------------|
| - | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| , | | 1 | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| 0., | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | Н |
| 0., | | | C 1 × 10 c 3 11 c 11 c 11 c 1 | acid | 1 |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | - | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | ļ | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| 077 | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| OF. | 0 | | CON | acid | 77 |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino acid | Н |
| CF ₃ | O-acyl | 0 | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Guanine | O-acyl | H |
| CF ₃ | O-acyl | Ö | Cytosine | O-acyl | Н |
| CF ₃ | O-acyl | ŏ | Adenine | O-acyl | H |
| CF ₃ | O-acyl | ŏ | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | ŏ | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | ō | 8-Fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 8-Fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | ŏ | 2-Fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | ō | 2,8-Difluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | Ō | 2-Fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | Ō | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetylcytosine | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|-----------------|------------------|
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | O | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | 0 | Thymine | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | Uracil | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | Guanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | О | Cytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| OF. | | | | acid | |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| CE | O-amino acid | | 5-Fluorouracil | acid | |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracii | O-amino acid | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | O-amino | Н |
| Cr3 | O-amino acid | ١ | 8-1 Idologuamine | acid | |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| 0, | | | J I ladiodytosine | acid | |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| - | | | | acid | |
| CF ₃ | O-amino acid | O | 2,8-Difluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | О | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | Н |
| <u></u> | <u> </u> | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| | | <u> </u> | 0.4 | acid | |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | Н |
| LCE | O amina anid | | 2 Aming 9 Guanahamanathi | acid | |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| CE | O-amino acid | 0 | 2-Aminohypoxanthine | acid | 11 |
| CF ₃ | O-amino acid | U_ | 2-Animonypoxantnine | O-amino | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|------------------|---|---|-----------------|----------------|
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| L | | | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | H |
| | | L | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | | _ | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| 05 | | | | acid | 7. |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| CE | 0 | | 2 N costulaminas denina | acid | 7.7 |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| CE | 0 | | 2 N costulamino 9 ducana desira | acid | 1, |
| CF ₃ | O-amino acid | О | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| CE | O amin a a a i i | | 2 N contribution 0 Street | acid | |
| CF ₃ | O-amino acid | О | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | acid O-amino | Н |
| CF3 | O-ammo acid | J | 2-11-acctylanimonypoxaminine | acid | * |
| CF ₃ | O-acyl | 0 | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | Uracil | O-acyl | H |
| CF ₃ | O-acyl | 0 | Guanine | O-acyl | H |
| CF ₃ | O-acyl | 0 | Cytosine | O-acyl | H |
| CF ₃ | O-acyl | Ō | Adenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | ŏ | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | H |
| CF ₃ | O-acyl | ō | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | ō | 8-Fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | Ö | 2,8-Difluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine 2-Amino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Amino-a-ridorony poxantime 2-Aminohypoxanthine | O-acyl | H |
| CF ₃ | | 0 | 2-N-acetylguanine | O-acyl | H |
| | O-acyl | 0 | 4-N-acetylcytosine | | H |
| CF ₃ | O-acyl | U | 4-in-acetyleytosine | O-acyl | Lu |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------|-------------|--------------------------------------|-----------------|----------------|
| CF ₃ | O-acyl | o | 6-N-acetyladenine | O-acyl | H |
| CF ₃ | O-acyl | lŏ | 2-N-acetyl-8-fluoroguanine | O-acyl | H |
| CF ₃ | O-acyl | Ŏ | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | ŏ | 6-N-acetyl-2-ndoloadennie | | H |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | |
| CF ₃ | | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyi | 0 | | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | H |
| | O-acyl | | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | 0 | Thymine | O-amino | H |
| CE | 0 | <u> </u> | Uracil | acid | |
| CF ₃ | O-amino acid | 0 | I Uracii | O-amino | Н |
| CE | O-amino acid | <u> </u> | Guanine | acid | 77 |
| CF ₃ | O-amino acid | 0 | Guanine | O-amino | Н |
| CE | O-amino acid | | Catacina | acid | 1 |
| CF ₃ | O-amino acid | 0 | Cytosine | O-amino | Н |
| CE | O-amino acid | _ | Adenine | acid | 7.7 |
| CF ₃ | O-amino acid | 0 | Adenine | O-amino | Н |
| CE | O-amino acid | | TT | acid | <u> </u> |
| CF ₃ | O-amino acid | 0 | Hypoxanthine | O-amino | Н |
| CF ₃ | O-amino acid | 0 | 5-Fluorouracil | acid | T. |
| Cr ₃ | O-amino acid | ١٠ | 5-Fluorouracii | O-amino | Н |
| CF ₃ | O-amino acid | 0 | 8-Fluoroguanine | acid | 77 |
| Cr3 | O-amino acid | ľ | 6-Fluoroguarine | O-amino acid | H |
| CF ₃ | O-amino acid | 0 | 5-Fluorocytosine | O-amino | Н |
| C1 3 | O-ammo acid | | 3-r dorocytosine | acid | h |
| CF ₃ | O-amino acid | 0 | 8-Fluoroadenine | O-amino | Н |
| | O-amino acid | ١ | 6-1 Idoloadellille | acid | n |
| CF ₃ | O-amino acid | 0 | 2-Fluoroadenine | O-amino | Н |
| | | | 2-1 Idoroadennie | acid | п |
| CF ₃ | O-amino acid | 0 | 2,8-Difluoroadenine | O-amino | Н |
| ~ 3 | | | 2,0 Dillidoloudollillo | acid | |
| CF ₃ | O-amino acid | 0 | 2-Fluorohypoxanthine | O-amino | Н |
| ` | | | - 1 | acid | ** |
| CF ₃ | O-amino acid | 0 | 8-Fluorohypoxanthine | O-amino | Н |
| ` | | | o 1 or on j ponuminito | acid | ** |
| CF ₃ | O-amino acid | 0 | 2,8-Difluorohypoxanthine | O-amino | H . |
| ``` | | | -, macron pondition | acid | ** |
| CF ₃ | O-amino acid | 0 | 2-Aminoadenine | O-amino | Н |
| ~ , | | · | | acid | * * |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluoroadenine | O-amino | Н |
| `* | | ~ | 2 / Immo-o-maoroagemme | acid | ** |
| CF ₃ | O-amino acid | 0 | 2-Amino-8-fluorohypoxanthine | O-amino | H |
| (13 | C-minio acid | ٦ | 2-7 shino-o-muoronypoxammine | o-amino acid | n |
| CF ₃ | O-amino acid | 0 | 2-Aminohypoxanthine | O-amino | Н |
| C1 3 | V-annio acid | | 2-rammonypoxaminine | O-amino | п |

| R ⁶ | \mathbb{R}^7 | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------------------------|----------|--|----------------|----------------|
| | | | · | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | • |
| CF ₃ | O-amino acid | 0 | 6-N-acetyladenine | O-amino | Н |
| | | | , and the second | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| L | | <u> </u> | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-aminoadenine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | · · · · · · · · · · · · · · · · · · · | | | acid | |
| CF ₃ | O-amino acid | 0 | 2-N-acetylaminohypoxanthine | O-amino | Н |
| OF | 0 1 | _ | 77 | acid | T T |
| CF ₃ | O-acyl | 0 | Thymine Uracil | O-acyl | H |
| CF ₃ | O-acyl | 0 | Guanine | O-acyl | H H |
| CF ₃ | O-acyl | 0 | | O-acyl | |
| CF ₃ | O-acyl | 0 | Cytosine Adenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 5-Fluorouracil | O-acyl O-acyl | Н |
| CF ₃ | O-acyl | 0 | 8-Fluoroguanine | O-acyl | H |
| CF ₃ | O-acyl O-acyl | 0 | 5-Fluorocytosine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 8-Fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-Fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2,8-Difluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Aminoadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-Aminohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 2-N-acetylguanine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 4-N-acetylguainie | O-acyl | H |
| Cr3 | U-acji | \Box | 7-11-acctylogicallic | L O-acyl | 1 4 4 |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-------------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | 0 | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2,8-difluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | 0 | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | Н | S | Thymine | F | O-acyl |
| CF ₃ | Н | S | Uracil | F | O-acyl |
| CF ₃ | Н | S | Guanine | F | O-acyl |
| CF ₃ | Н | S | Cytosine | F | O-acyl |
| CF ₃ | Н | S | Adenine | F | O-acyl |
| CF ₃ | Н | S | Hypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 5-Fluorouracil | F | O-acyl |
| CF ₃ | H | S | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | Н | S | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | Н | S | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 2-Aminoadenine | F | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 2-N-acetylguanine | F | O-acyl |
| CF ₃ _ | Н | S | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | Н | S | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | H | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | H | S | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | Thymine | F | O-acyl |
| CF ₃ | O-amino acid | S | Uracil | F | O-acyl |
| CF ₃ | O-amino acid | S | Guanine | F | O-acyl |
| CF ₃ | O-amino acid | S | Cytosine | F | O-acyl |

| R ⁶ | R | X | Base | R ⁸ | R ⁹ |
|-----------------|--------------|----|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | Adenine | F | O-acyl |
| CF ₃ | O-amino acid | S | Hypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | F | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | Thymine | F | O-acyl |
| CF ₃ | O-acyl | S | Uracil | F | O-acyl |
| CF ₃ | O-acyl | ·S | Guanine | F | O-acyl |
| CF ₃ | O-acyl | S | Cytosine | F | O-acyl |
| CF ₃ | O-acyl | S | Adenine | F | O-acyl |
| CF ₃ | O-acyl | S | Hypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorouracil | F | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminoadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | S | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | F . | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | OH | S | Thymine | F | O-acyl |
| CF ₃ | ОН | S | Uracil | F | O-acyl |
| CF ₃ | ОН | S | Guanine | F | O-acyl |
| CF ₃ | ОН | S | Cytosine | F | O-acyl |
| CF ₃ | ОН | S | Adenine | F | O-acyl |
| CF ₃ | ОН | S | Hypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 5-Fluorouracil | F | O-acyl |
| CF ₃ | ОН | S | 8-Fluoroguanine | F | O-acyl |
| CF ₃ | OH | S | 5-Fluorocytosine | F | O-acyl |
| CF ₃ | ОН | S | 8-Fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-Fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2,8-Difluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | OH | S | 8-Fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 2-Aminoadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 2-Aminohypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylguanine | F | O-acyl |
| CF ₃ | ОН | S | 4-N-acetylcytosine | F | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyladenine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | F_ | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylaminoadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CF ₃ | Н | S | Thymine | Br | O-acyl |
| CF ₃ | Н | S | Uracil | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---------------|--------------------------------------|----------------|----------------|
| CF ₃ | Н | S | Guanine | Br | O-acyl |
| CF ₃ | Н | S | Cytosine | Br | O-acyl |
| CF ₃ | Н | S | Adenine | Br | O-acyl |
| CF ₃ | Н | S | Hypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | Н | S | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | Н | S | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | Н | S | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | Н | S | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | Н | S | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | H | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | Н | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | Thymine | Br | O-acyl |
| CF ₃ | O-amino acid | S | Uracil | Br | O-acyl |
| CF ₃ | O-amino acid | S | Guanine | Br | O-acyl |
| CF ₃ | O-amino acid | S | Cytosine | Br | O-acyl |
| CF ₃ | O-amino acid | $\overline{}$ | Adenine | Br | O-acyl |
| CF ₃ | O-amino acid | | Hypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Br | O-acyl |

| \mathbb{R}^{6} | R ⁷ | X | Base | R ⁸ | R ⁹ |
|------------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | Thymine | Br | O-acyl |
| CF ₃ | O-acyl | S | Uracil | Br | O-acyl |
| CF ₃ | O-acyl | S | Guanine | Br | O-acyl |
| CF ₃ | O-acyl | S | Cytosine | Br | O-acyl |
| CF ₃ | O-acyl | S | Adenine | Br | O-acyl |
| CF ₃ | O-acyl | S | Hypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Br | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyi | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |

| \mathbb{R}^6 | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | S | Thymine | Br | O-acyl |
| CF ₃ | ОН | S | Uracil | Br | O-acyl |
| CF ₃ | ОН | S | Guanine | Br | O-acyl |
| CF ₃ | ОН | S | Cytosine | Br | O-acyl |
| CF ₃ | OH | S | Adenine | Br | O-acyl |
| CF ₃ | OH | S | Hypoxanthine | Br | O-acyl |
| CF ₃ | ОН | S | 5-Fluorouracil | Br | O-acyl |
| CF ₃ | OH | S | 8-Fluoroguanine | Br | O-acyl |
| CF ₃ | OH | S | 5-Fluorocytosine | Вг | O-acyl |
| CF ₃ | ОН | S | 8-Fluoroadenine | Br | O-acyl |
| CF ₃ | ОН | S | 2-Fluoroadenine | Br | O-acyl |
| CF ₃ | OH | S | 2,8-Difluoroadenine | Br | O-acyl |
| CF ₃ | OH | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CF ₃ | OH | S | 2-Aminoadenine | Br | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | ОН | S | 2-Aminohypoxanthine | Br | O-acyl |
| CF ₃ | OH | S | 2-N-acetylguanine | Br | O-acyl |
| CF ₃ | OH | S | 4-N-acetylcytosine | Br | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyladenine | Br | O-acyl |
| CF ₃ | OH | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CF ₃ | OH | s | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CF ₃ | OH | S | 6-N-acetyl-2-aminoadenine | Br Br | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Br . | O-acyl |
| CF ₃ | OH | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CF ₃ | OH | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CF ₃ | O-acyl | S | Thymine | Cl | O-acyl |
| CF ₃ | O-acyl | S | Uracil | Cl | O-acyl |
| CF ₃ | O-acyl | S | Guanine | Cl | O-acyl |
| CF ₃ | O-acyl | S | Cytosine | .Cl | O-acyl |
| CF ₃ | O-acyl | S | Adenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | Hypoxanthine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | CI | O-acyl |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | CI | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | CI | |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Cl | O-acyl |
| | O-acyl | S | 8-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | | S | 2,8-Difluorohypoxanthine | | O-acyl |
| CF ₃ | O-acyl | <u> </u> | 2,6-Dilluolollypoxantnine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | S | 2-Aminoadenine | CI | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | Cl | O-acyl |
| CF ₃ | O-acyl | s | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CF ₃ | O-acyl | Š | 4-N-acetyl-5-fluorocytosine | CI | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | CI | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Ci | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CF ₃ | ОН | S | Thymine | CI | O-acyl |
| CF ₃ | ОН | S | Uracil | Cl | O-acyl |
| CF ₃ | ОН | S | Guanine | CI | O-acyl |
| CF ₃ | ОН | S | Cytosine | Cl | O-acyl |
| CF ₃ | OH | S | Adenine | Cl | O-acyl |
| CF ₃ | ОН | S | Hypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | OH | S | 8-Fluoroguanine | Cl | O-acyl |
| CF ₃ | ОН | S | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | OH | S | 8-Fluoroadenine | Cl | O-acyl |
| CF ₃ | OH | S | 2-Fluoroadenine | Cl | O-acyl |
| CF ₃ | OH | S | 2,8-Difluoroadenine | Cl | O-acyl |
| CF ₃ | ОН | S | 2-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 8-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CF ₃ | OH | S | 2-Aminoadenine | Cl | O-acyl |
| CF ₃ | OH | S | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 2-Aminohypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | OH | S | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | OH | S | 6-N-acetyladenine | CI | O-acyl |
| CF ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CF ₃ | OH | S | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | CI | |
| CF ₃ | OH | S | 6-N-acetyl-2,8-difluoroadenine | CI | O-acyl |
| CF ₃ | OH | S | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | | S | | | O-acyl |
| CF ₃ | OH | S | 2-N-acetylaminoadenine | Cl | O-acyl |
| CF ₃ | ОН | <u> </u> | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | OH | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | S | Thymine | Cl | O-acyl |
| CF ₃ | Н | S | Uracil | Cl | O-acyl |
| CF ₃ | Н | S | Guanine | Cl | O-acyl |
| CF ₃ | Н | S | Cytosine | CI | O-acyl |
| CF ₃ | Н | S | Adenine | Cl | O-acyl |
| CF ₃ | Н | S | Hypoxanthine | Cl | O-acyl |
| CF ₃ | Н | S | 5-Fluorouracil | CI | O-acyl |
| CF ₃ | Н | S | 8-Fluoroguanine | Cl | O-acyl |
| CF ₃ | H | S | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | H | S | 8-Fluoroadenine | CI | O-acyl |
| CF ₃ | H | S | 2-Fluoroadenine | CI | O-acyl |
| CF ₃ | H | S | 2,8-Difluoroadenine | CI | O-acyl |
| CF ₃ | H | S | 2-Fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | H | S | 8-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | H | S | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CF ₃ | H | S | 2-Aminoadenine | Cl | O-acyl |
| CF ₃ | H | S | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | Н | Š | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | H | S | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | Н | S | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | H | S | 4-N-acetylcytosine | Cl | O-acyl |
| CF ₃ | Н | S | 6-N-acetyladenine | CI | O-acyl |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | CI | O-acyl |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | CI | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Ci | O-acyl |
| CF ₃ | H | S | 6-N-acetyl-2-aminoadenine | CI | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Ci | O-acyl |
| CF ₃ | Н | S | 2-N-acetylaminoadenine | Cl | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | H | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Thymine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Uracil | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Guanine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Cytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Adenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | Hypoxanthine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Cl | O-acyl |
| U1 3 | O-amino acid | <u> </u> | 2 - 14010Hyponalialille | <u> </u> | U-acyi |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CF ₃ | Н | S | Thymine | Н | O-acyl |
| CF ₃ | Н | S | Uracil | Н | O-acyl |
| CF ₃ | Н | S | Guanine | Н | O-acyl |
| CF ₃ | Н | S | Cytosine | Н | O-acyl |
| CF ₃ | Н | S | Adenine | Н | O-acyl |
| CF ₃ | Н | S | Hypoxanthine | Н | O-acyl |
| CF ₃ | Н | S | 5-Fluorouracil | Н | O-acyl |
| CF ₃ | Н | S | 8-Fluoroguanine | Н | O-acyl |
| CF ₃ | Н | S | 5-Fluorocytosine | Н | O-acyl |
| CF ₃ | Н | S | 8-Fluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 2-Fluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | S | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | H | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | Н | S | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | H | S | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | Н | S | 4-N-acetylcytosine | Н | O-acyl |
| CF ₃ | Н | S | 6-N-acetyladenine | Н | O-acyl |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |

| | | X | Base | R ⁸ | R |
|---------------------|--------------|------------|--------------------------------------|----------------|--------|
| | H | S | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ 1 | Н | S | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| | Н | S | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| | O-amino acid | S | Thymine | Н | O-acyl |
| $\overline{}$ | O-amino acid | S | Uracil | Н | O-acyl |
| | O-amino acid | S | Guanine | Н | O-acyl |
| | O-amino acid | S | Cytosine | Н | O-acyl |
| | O-amino acid | S | Adenine | Н | O-acyl |
| | O-amino acid | S | Hypoxanthine | Н | O-acyl |
| | O-amino acid | S | 5-Fluorouracil | Н | O-acyl |
| | O-amino acid | S | 8-Fluoroguanine | Н | O-acyl |
| | O-amino acid | S | 5-Fluorocytosine | Н | O-acyl |
| | O-amino acid | <u>-</u> - | 8-Fluoroadenine | Н | O-acyl |
| | O-amino acid | S | 2-Fluoroadenine | H | O-acyl |
| | O-amino acid | S | 2,8-Difluoroadenine | Н | O-acyl |
| | O-amino acid | S | 2-Fluorohypoxanthine | H. | O-acyl |
| | O-amino acid | S | 8-Fluorohypoxanthine | Н | O-acyl |
| | O-amino acid | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| | O-amino acid | S | 2-Aminoadenine | Н | O-acyl |
| | O-amino acid | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| | O-amino acid | S | 2-Aminohypoxanthine | Н | O-acyl |
| | O-amino acid | S | 2-N-acetylguanine | Н | O-acyl |
| | O-amino acid | S | 4-N-acetylcytosine | Н | O-acyl |
| | O-amino acid | S | 6-N-acetyladenine | Н | O-acyl |
| | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| | O-amino acid | S | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| | O-amino acid | S | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ (| O-acyl | S | Thymine | Н | O-acyl |
| | O-acyl | S | Uracil | Н | O-acyl |
| CF ₃ (| O-acyl | S | Guanine | Н | O-acyl |
| CF ₃ | O-acyl | S | Cytosine | Н | O-acyl |
| CF ₃ (| O-acyl | S | Adenine | Н | O-acyl |
| CF ₃ (| O-acyl | S | Hypoxanthine | Н | O-acyl |
| | O-acyl | S | 5-Fluorouracil | Н | O-acyl |
| | O-acyl | S | 8-Fluoroguanine | H | O-acyl |
| | O-acyl | S | 5-Fluorocytosine | H | O-acyl |
| | O-acyl | S | 8-Fluoroadenine | Н | O-acyl |
| | O-acyl | S | 2-Fluoroadenine | Н | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Н | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | H | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | H | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | Thymine | H_ | O-acyl |
| CF ₃ | OH | S | Uracil | H | O-acyl |
| CF ₃ | ОН | S | Guanine | Н | O-acyl |
| CF ₃ | ОН | S | Cytosine | Н | O-acyl_ |
| CF ₃ | ОН | S | Adenine | Н | O-acyl |
| CF ₃ | ОН | S | Hypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | 5-Fluorouracil | Н | O-acyl |
| CF ₃ | OH | S | 8-Fluoroguanine | Н | O-acyl |
| CF ₃ | OH | S | 5-Fluorocytosine | H | O-acyl |
| CF ₃ | ОН | S | 8-Fluoroadenine | H | O-acyl |
| CF ₃ | ОН | S | 2-Fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | S | 2,8-Difluoroadenine | Н | O-acyl |
| CF ₃ | OH | S | 2-Fluorohypoxanthine | H | O-acyl |
| CF ₃ | ОН | S | 8-Fluorohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | 2-Aminoadenine | Н | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | H | O-acyl |
| CF ₃ | ОН | S | 2-Aminohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylguanine | Н | O-acyl |
| CF ₃ | ОН | S | 4-N-acetylcytosine | Н | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyladenine | H | O-acyl |
| CF ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl_ |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CF ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | s | 2-N-acetylaminoadenine | Н | O-acyl |
| CF ₃ | ОН | s | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CF ₃ | ОН | S | 2-N-acetylaminohypoxanthine | H | O-acyl |
| CF ₃ | Н | S | Thymine | OH | O-acyl |
| CF ₃ | H | S | Uracil | ОН | O-acyl |
| CF ₃ | Н | S | Guanine | OH | O-acyl |
| CF ₃ | Н | S | Cytosine | OH | O-acyl |
| CF ₃ | H | S | Adenine | OH | O-acyl |
| CF ₃ | Н | S | Hypoxanthine | OH | O-acyl |
| CF ₃ | Н | S | 5-Fluorouracil | ОН | O-acyl |
| CF ₃ | Н | S | 8-Fluoroguanine | OH | O-acyl |
| CF ₃ | Н | S | 5-Fluorocytosine | OH · | O-acyl |
| CF ₃ | Н | S | 8-Fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-Fluoroadenine | OH | O-acyl |
| CF ₃ | Н | S | 2,8-Difluoroadenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | S | 2-Aminoadenine | OH | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | OH | O-acyl |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | OH | O-acyl |
| CF ₃ | Н | S | 2-Aminohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | S | 2-N-acetylguanine | OH | O-acyl |
| CF ₃ | Н | S | 4-N-acetylcytosine | OH | O-acyl |
| CF ₃ | Н | S | 6-N-acetyladenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | ОН | O-acyl |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | OH | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | OH | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | ОН | O-acyl |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-N-acetylaminoadenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | ОН | O-acyl |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-acyl |
| CF ₃ | H | S | 2-N-acetylaminohypoxanthine | ОН | O-acyl |
| CF ₃ | Н | S | Thymine | F | O-amino acid |
| CF ₃ | Н | S | Uracil | F | O-amino acid |
| CF ₃ | Н | S | Guanine | F | O-amino acid |
| CF ₃ | H | S | Cytosine | F | O-amino acid |
| CF ₃ | H | S | Adenine | F | O-amino acid |
| CF ₃ | Н | S | Hypoxanthine | F | O-amino acid |
| CF ₃ | Н | S | 5-Fluorouracil | F | O-amino acid |
| | Н | S | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | Н | S | 5-Fluorocytosine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--|----------------|----------------|
| CF ₃ | H | S | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | Н | S | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | Н | s | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | H | S | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | H | s | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | s | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | S | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | H | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | H | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | H | S | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | H | S | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | H | S | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | H | S | 6-N-acetyleytosine | F | O-amino acid |
| CF ₃ | H | S | 2-N-acetyladennic | F | O-amino acid |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| | H | S | 6-N-acetyl-2-fluoroadenine | F | |
| CF ₃ | Н | S | 6-N-acetyl-2-Huoroadenine | F | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | F | |
| CF ₃ | H | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | Н | S | | F | |
| | Н | S | 2-N-acetylamino-8-fluoroadenine 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | Н | S | | F | O-amino acid |
| CF ₃ | O-amino acid | | 2-N-acetylaminohypoxanthine | F , | O-amino acid |
| CF ₃ | O-amino acid | S | Thymine Uracil | F | O-amino acid |
| CF ₃ | | S | Guanine | F | O-amino acid |
| CF ₃ | O-amino acid | S | | F | O-amino acid |
| CF ₃ | O-amino acid | S | Cytosine Adenine | F | O-amino acid |
| CF ₃ | O-amino acid | | | F | O-amino acid |
| CF ₃ | O-amino acid | S | Hypoxanthine 5 Fluorence il | F | O-amino acid |
| CF ₃ | O-amino acid | | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | | | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | | O-amino acid |
| | O-amino acid | | 2,8-Difluoroadenine | F F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | s | Thymine | F | O-amino acid |
| CF ₃ | O-acyl | S | Uracil | F | O-amino acid |
| CF ₃ | O-acyl | S | Guanine | F | O-amino acid |
| CF ₃ | O-acyl | S | Cytosine | F | O-amino acid |
| CF ₃ | O-acyl | S | Adenine | F | O-amino acid |
| CF ₃ | O-acyl | S | Hypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorouracil | F | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | F | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | Thymine | F | O-amino acid |
| CF ₃ | ОН | S | Uracil | F | O-amino acid |
| CF ₃ | ОН | S | Guanine | F | O-amino acid |
| CF ₃ | OH | S | Cytosine | F | O-amino acid |
| CF ₃ | ОН | S | Adenine | F | O-amino acid |
| CF ₃ | OH | S | Hypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 5-Fluorouracil | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | S | 8-Fluoroguanine | F | O-amino acid |
| CF ₃ | OH | S | 5-Fluorocytosine | F | O-amino acid |
| CF ₃ | OH | S | 8-Fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | S | 2-Fluoroadenine | F | O-amino acid |
| CF ₃ | OH | S | 2,8-Difluoroadenine | F | O-amino acid |
| CF ₃ | OH | S | 2-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 8-Fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CF ₃ | OH | S | 2-Aminoadenine | F | O-amino acid |
| CF ₃ | OH | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | OH | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 2-Aminohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylguanine | F | O-amino acid |
| CF ₃ | OH _ | S | 4-N-acetylcytosine | F | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyladenine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CF ₃ | Н | S | Thymine | Br | O-amino acid |
| CF ₃ | H | S | Uracil | Br | O-amino acid |
| CF ₃ | Н | S | Guanine | Br | O-amino acid |
| CF ₃ | H | S | Cytosine | Br | O-amino acid |
| CF ₃ | Н . | S | Adenine | Br | O-amino acid |
| CF ₃ | H | S | Hypoxanthine | Br | O-amino acid |
| CF ₃ | H | S | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | H | S | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | Н | S | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | H | S | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | H | S | 2-Fluoroadenine | Br | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | H | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | H | S | 2,8-Difluorohypoxanthine | Вг | O-amino acid |
| CF ₃ | H | S | 2-Aminoadenine | Вг | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | H | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | Н | S | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyladenine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | H | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | H | S | 4-N-acetyl-5-fluorocytosine | Br . | O-amino acid |
| CF ₃ | H | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | H | S | 6-N-acetyl-2-Huoroadenine | Br | |
| CF ₃ | H | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| | H | S | | | O-amino acid |
| CF ₃ | | | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | H | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | H | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | H | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Thymine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Uracil | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Guanine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Cytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Adenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | Hypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | Thymine | Br | O-amino acid |
| CF ₃ | O-acyl | S | Uracil | Br | O-amino acid |
| CF ₃ | O-acyl | S | Guanine | Br | O-amino acid |
| CF ₃ | O-acyl | S | Cytosine | Br | O-amino acid |
| CF ₃ | O-acyl | S | Adenine | Br | O-amino acid |
| | | | | | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-acyl | S | Hypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | S | Thymine | Br | O-amino acid |
| CF ₃ | ОН | S | Uracil | Br | O-amino acid |
| CF ₃ | ОН | S | Guanine | Br | O-amino acid |
| CF ₃ | ОН | S | Cytosine | Br | O-amino acid |
| CF ₃ | ОН | S | Adenine | Br | O-amino acid |
| CF ₃ | ОН | S | Hypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | S | 5-Fluorouracil | Br | O-amino acid |
| CF ₃ | ОН | S | 8-Fluoroguanine | Br | O-amino acid |
| CF ₃ | OH | S | 5-Fluorocytosine | Br | O-amino acid |
| CF ₃ | ОН | S | 8-Fluoroadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-Fluoroadenine | Br | O-amino acid |
| CF ₃ | OH | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CF ₃ | OH | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-Aminoadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | OH | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylguanine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | ОН | S | 4-N-acetylcytosine | Br | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyladenine | Br | O-amino acid |
| CF ₃ | OH | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CF ₃ | OH | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Br ' | O-amino acid |
| CF ₃ | OH | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CF ₃ | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | OH | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CF ₃ | Н | S | Thymine | Cl | O-amino acid |
| CF ₃ | Н | S | Uracil | Cl | O-amino acid |
| CF ₃ | Н | S | Guanine | Cl | O-amino acid |
| CF ₃ | Н | S | Cytosine | Cl | O-amino acid |
| CF ₃ | Н | S | Adenine | Cl | O-amino acid |
| CF ₃ | Н | S | Hypoxanthine | Cl . | O-amino acid |
| CF ₃ | Н | S | 5-Fluorouracil | CI | O-amino acid |
| CF ₃ | Н | S | 8-Fluoroguanine | CI | O-amino acid |
| CF ₃ | Н | S | 5-Fluorocytosine | CI | O-amino acid |
| CF ₃ | Н | S | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-Fluoroadenine | CI | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluoroadenine | CI | O-amino acid |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-Aminoadenine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | CI | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylguanine | Cl | O-amino acid |
| CF ₃ | Н | S | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | H | S | 6-N-acetyladenine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Cl · | O-amino acid |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| | Н | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CF ₃ | H | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | H | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | Thymine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | Uracil | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | Guanine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | Cytosine | CI | O-amino acid |
| CF ₃ | O-amino acid | S | Adenine | CI | O-amino acid |
| CF ₃ | O-amino acid | S | Hypoxanthine | CI | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | CI | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Cl_ | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | CI | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | CI | O-amino acid |
| CF ₃ | O-acyl | S | Thymine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | Uracil | Cl | O-amino acid |
| CF ₃ | O-acyl | S | Guanine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | Cytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | Adenine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | Hypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | CI | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| | O-acyl | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylguanine | Cl | O-amino acid |
| | O-acyl | S | 4-N-acetylcytosine | Cl | O-amino acid |
| | O-acyl | S | 6-N-acetyladenine | CI | O-amino acid |
| | O-acyl | S | 2-N-acetyl-8-fluoroguanine | CI | O-amino acid |
| | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| _ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | CI | O-amino acid |
| | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| | OH | S | Thymine | Cl | O-amino acid |
| | OH | S | Uracil | Cl | O-amino acid |
| | OH | S | Guanine | Cl | O-amino acid |
| | OH | S | Cytosine | Cl | O-amino acid |
| CF ₃ | OH | S | Adenine | Cl | O-amino acid |
| | OH | S | Hypoxanthine | Cl | O-amino acid |
| CF ₃ | OH | S | 5-Fluorouracil | Cl | O-amino acid |
| CF ₃ | OH | S | 8-Fluoroguanine | CI | O-amino acid |
| CF ₃ | OH | S | 5-Fluorocytosine | Cl | O-amino acid |
| CF ₃ | OH | S | 8-Fluoroadenine | CI | O-amino acid |
| CF ₃ | ОН | S | 2-Fluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | S | 2,8-Difluoroadenine | CI | O-amino acid |
| CF ₃ | ОН | S | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | OH | S | 8-Fluorohypoxanthine | CI | O-amino acid |
| CF ₃ | OH _ | S | 2,8-Difluorohypoxanthine | CI | O-amino acid |
| CF ₃ | ОН | S | 2-Aminoadenine | CI | O-amino acid |
| CF ₃ | OH | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CF ₃ | OH | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| | OH | S | 2-N-acetylguanine | Cl | O-amino acid |
| CF ₃ | ОН | S_ | 4-N-acetylcytosine | Cl | O-amino acid |
| CF ₃ | OH | S | 6-N-acetyladenine | Cl | O-amino acid |
| CF ₃ | OH | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CF ₃ | OH | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CF ₃ | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| | OH | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| | OH | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| | ОН | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| | Н | S | Thymine | H | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | S | Uracil | Н | O-amino acid |
| CF ₃ | Н | S | Guanine | Н | O-amino acid |
| CF ₃ | Н | S | Cytosine | Н | O-amino acid |
| CF ₃ | Н | S | Adenine | Н | O-amino acid |
| CF ₃ | Н | S | Hypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | Н | S | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | Н | S | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | Н | S | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 2-Aminohypoxanthine | Н | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | Н | S | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyladenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | H . | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | H | S | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | H | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | Thymine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | Uracil | Н | O-amino acid |
| CF ₃ | O-amino acid | S | Guanine | Н | O-amino acid |
| CF ₃ | O-amino acid | | Cytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | Adenine | H | O-amino acid |
| CF ₃ | O-amino acid | S | Hypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | H | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | H | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | Thymine | Н | O-amino acid |
| CF ₃ | O-acyl | S | Uracil | Н | O-amino acid |
| CF ₃ | O-acyl | S | Guanine | Н | O-amino acid |
| CF ₃ | O-acyl | S | Cytosine | Н | O-amino acid |
| CF ₃ | O-acyl | S | Adenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | Hypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Н | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | H | O-amino acid |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminoadenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | H | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | H | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | H | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | H | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | H | O-amino acid |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----|----------------|
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | OH | S | Thymine | Н | O-amino acid |
| CF ₃ | ОН | S | Uracil | Н | O-amino acid |
| CF ₃ | OH | S | Guanine | Н | O-amino acid |
| CF ₃ | OH | S | Cytosine | Н | O-amino acid |
| CF ₃ | OH | S | Adenine | Н | O-amino acid |
| CF ₃ | OH | S | Hypoxanthine | Н | O-amino acid |
| CF ₃ | OH | S | 5-Fluorouracil · | Н | O-amino acid |
| CF ₃ | OH | S | 8-Fluoroguanine | Н | O-amino acid |
| CF ₃ | OH | S | 5-Fluorocytosine | Н | O-amino acid |
| CF ₃ | ОН | S | 8-Fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-Fluoroadenine | Н | O-amino acid |
| CF ₃ | OH 1 | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CF ₃ | OH | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | OH | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CF ₃ | OH | S | 2-Aminoadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | OH | S | 2-Aminohypoxanthine | H | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylguanine | Н | O-amino acid |
| CF ₃ | ОН | S | 4-N-acetylcytosine | Н | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyladenine | Н | O-amino acid |
| CF ₃ | OH | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CF ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | OH | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-amino acid |
| CF ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CF ₃ | H | S | Thymine | OH | O-amino acid |
| | Н | S | Uracil | OH | O-amino acid |
| | Н | S | Guanine | OH | O-amino acid |
| | Н | S | Cytosine | OH | O-amino acid |
| | Н | S | Adenine | OH | O-amino acid |
| | Н | S | Hypoxanthine | OH | O-amino acid |
| | H | S | 5-Fluorouracil | ОН | O-amino acid |
| CF ₃ | Н | S | 8-Fluoroguanine | ОН | O-amino acid |
| CF ₃ | Н | S | 5-Fluorocytosine | ОН | O-amino acid |
| CF ₃ | H | S | 8-Fluoroadenine | OH | O-amino acid |
| CF ₃ | H | S | 2-Fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | S | 2,8-Difluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-Fluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | H | S | 8-Fluorohypoxanthine | ОН | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | Н | S | 2,8-Difluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-Aminoadenine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-Aminohypoxanthine | ОН | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylguanine | ОН | O-amino acid |
| CF ₃ | Н | S | 4-N-acetylcytosine | ОН | O-amino acid |
| CF ₃ | H. | S | 6-N-acetyladenine | OH | O-amino acid |
| CF ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | ОН | O-amino acid |
| CF ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | ОН | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | OH | O-amino acid |
| CF ₃ | Н | s | 6-N-acetyl-2,8-difluoroadenine | OH | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-aminoadenine | OH | O-amino acid |
| CF ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | ОН | O-amino acid |
| CF ₃ | Н | Š | 2-N-acetylaminoadenine | OH | O-amino acid |
| CF ₃ | Н , | S | 2-N-acetylamino-8-fluoroadenine | OH | O-amino acid |
| CF ₃ | H | S | 2-N-acetylamino-8-fluorohypoxanthine | OH | O-amino acid |
| CF ₃ | Н | S | 2-N-acetylaminohypoxanthine | OH | ОН |
| CF ₃ | O-amino acid | S | Thymine | F | ОН |
| CF ₃ | O-amino acid | S | Uracil | F | ОН |
| CF ₃ | O-amino acid | S | Guanine | F | ОН |
| CF ₃ | O-amino acid | S | Cytosine | F | ОН |
| CF ₃ | O-amino acid | S | Adenine | F | OH |
| CF ₃ | O-amino acid | S | Hypoxanthine | F | OH |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | F | OH |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | F | OH |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | F | ОН |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | F | ОН |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | F | OH |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | F | OH |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | OH |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | F | OH |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | F | ОН |
| | O-amino acid | S | 2-Amino-8-fluoroadenine | F | ОН |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | F | OH |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | F | ОН |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | F | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | F | OH |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | OH |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-Hudroadenine | F | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F. | OH |
| | O-amino acid | S | 2-N-acetylaminoadenine | F F | |
| CF ₃ | V-annino acid | ی | 2-11-acciyiaiiiiillauciiiile | <u> </u> | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | Thymine | F | ОН |
| CF ₃ | O-acyl | S | Uracil | F | ОН |
| CF ₃ | O-acyl | S | Guanine | F | ОН |
| CF ₃ | O-acyl | S | Cytosine | F | ОН |
| CF ₃ | O-acyl | S | Adenine | F | OH: |
| CF ₃ | O-acyl | S | Hypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 5-Fluorouracil | F | OH |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | F | OH |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | F | ОН |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | F | OH |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 2-Aminoadenine | F | OH |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | F | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | F | ОН |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | F | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | F | ОН |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | F | ОН |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | F | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | F | OH |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | F | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine_ | F | OH |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | F | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | F | ОН |
| | O-acyl | S | 2-N-acetylaminohypoxanthine | F | ОН |
| CF ₃ | O-amino acid | S | Thymine | Br | ОН |
| CF ₃ | O-amino acid | S | Uracil | Br . | ОН |
| CF ₃ | O-amino acid | S | Guanine | Br | ОН |
| CF ₃ | O-amino acid | S | Cytosine | Br | ОН |
| CF ₃ | O-amino acid | S | Adenine | Br | ОН |
| CF ₃ | O-amino acid | S | Hypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Br | ОН |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Br | ОН |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | Br | ОН |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Br | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | OH |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | OH |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Br | OH |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Br | OH |
| CF ₃ | O-amino acid | s | 4-N-acetylcytosine | Br | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | OH |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | ОН |
| CF ₃ | O-acyl | S | Thymine | Br | ОН |
| CF ₃ | O-acyl | S | Uracil | Br | OH |
| CF ₃ | O-acyl | S | Guanine " | Br | ОН |
| CF ₃ | O-acyl | S | Cytosine | Br | ОН |
| CF ₃ | O-acyl | S | Adenine | Br | OH |
| CF ₃ | O-acyl | S | Hypoxanthine | Br | ОН |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Br | ОН |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | Br | OH |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Br | ОН |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Br | OH |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | Вг | ОН |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | OH . |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Br | OH |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | ОН |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Br | ОН |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Br | ОН |
| CF ₃ | O-acyl | S. | 6-N-acetyladenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Br | ОН |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Br | OH |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | OH |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | ОН |

| \mathbb{R}^6 | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---------------|--------------------------------------|------|----------------|
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Br | ОН |
| CF ₃ | O-amino acid | S | Thymine | Cl | ОН |
| CF ₃ | O-amino acid | S | Uracil | Cl | ОН |
| CF ₃ | O-amino acid | S | Guanine | CI | ОН |
| CF ₃ | O-amino acid | S | Cytosine | CI | ОН |
| CF ₃ | O-amino acid | S | Adenine | Cl | OH |
| CF ₃ | O-amino acid | S | Hypoxanthine | Cl , | ОН |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | Cl | ОН |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | Cl | ОН |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | CI | ОН |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | CI | ОН |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | CI | ОН |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | CI | OH |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | CI | ОН |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | Cl | OH |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | Cl | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Cl | OH |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Cl | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Cl | ОН |
| | O-amino acid | $\overline{}$ | 2-N-acetylamino-8-fluoroadenine | Cl | OH |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | OH |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Cl | OH |
| CF ₃ | O-acyl | S | Thymine | Cl | ОН |
| CF ₃ | O-acyl | S | Uracil | Cl | ОН |
| CF ₃ | O-acyl | S | Guanine | Cl | ОН |
| CF ₃ | O-acyl | S | Cytosine | Cl | OH |
| CF ₃ | O-acyl | S | Adenine | Cl | ОН |
| CF ₃ | O-acyl | S | Hypoxanthine | Cl | ОН |
| CF ₃ | O-acyl | S | 5-Fluorouracil | Cl | ОН |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | Cl | ОН |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | Cl | OH |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Cl | OH |

| CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- | -acyl -acyl -acyl -acyl -acyl -acyl -acyl | X S S S S | 2-Fluoroadenine 2,8-Difluoroadenine 2-Fluorohypoxanthine | CI CI | OH OH |
|--|---|-------------------------------|--|----------|----------|
| CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- | -acyl -acyl -acyl -acyl -acyl | S S | 2-Fluorohypoxanthine | | ОН |
| CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- | -acyl -acyl -acyl -acyl | S | 2-Fluorohypoxanthine | CI | |
| CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- | -acyl -acyl -acyl | | | CI | ОН |
| CF ₃ O- CF ₃ O- CF ₃ O- CF ₃ O- | -acyl -acyl | | 8-Fluorohypoxanthine | CI | ОН |
| CF ₃ O- CF ₃ O- CF ₃ O- | -acyl | | 2,8-Difluorohypoxanthine | Cl | OH |
| CF ₃ O- CF ₃ O- CF ₃ O- | | S | 2-Aminoadenine | Cl | ОН |
| CF ₃ O-CF ₃ O- | | s | 2-Amino-8-fluoroadenine | Cl | OH |
| CF ₃ O- | -acyl | S | 2-Amino-8-fluorohypoxanthine | Cl | ОН |
| | -acyl | S | 2-Aminohypoxanthine | Cl | OH |
| CF ₃ O- | -acyl | S | 2-N-acetylguanine | Cl | OH |
| | -acyl | S | 4-N-acetylcytosine | Cl | OH |
| | -acyl | S | 6-N-acetyladenine | Cl | OH |
| | -acyl | S | 2-N-acetyl-8-fluoroguanine | Cl | OH |
| | -acyl | S | 4-N-acetyl-5-fluorocytosine | Cl | OH |
| | -acyl | S | 6-N-acetyl-2-fluoroadenine | Cl | OH |
| $\overline{}$ | -acyl | S | 6-N-acetyl-2,8-difluoroadenine | Cl | OH |
| | -acyl | S | 6-N-acetyl-2-aminoadenine | Cl | ОН |
| | -acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | OH |
| | -acyl | S | 2-N-acetylaminoadenine | Cl | OH |
| | -acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | ОН |
| | -acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | ОН |
| | -acyl | S | 2-N-acetylaminohypoxanthine | Cl | ОН |
| | -amino acid | S | Thymine | Н | OH |
| | -amino acid | S | Uracil | Н | ОН |
| | amino acid | S | Guanine | Н | ОН |
| | -amino acid | S | Cytosine | H | ОН |
| | -amino acid | S | Adenine | H | ОН |
| | amino acid | S | Hypoxanthine | H | ОН |
| | -amino acid | S | 5-Fluorouracil | Н | ОН |
| | -amino acid | S | 8-Fluoroguanine | Н | ОН |
| | amino acid | S | 5-Fluorocytosine | Н | ОН |
| | amino acid | S | 8-Fluoroadenine | H | ОН |
| | amino acid | S | 2-Fluoroadenine | H | ОН |
| | -amino acid | S | 2,8-Difluoroadenine | Н | OH . |
| CF ₃ O- | -amino acid | | 2-Fluorohypoxanthine | Н | ОН |
| | amino acid | S | 8-Fluorohypoxanthine | Н | ОН |
| | amino acid | S | 2,8-Difluorohypoxanthine | Н | ОН |
| | -amino acid | S | 2-Aminoadenine | Н | ОН |
| | -amino acid | S | 2-Amino-8-fluoroadenine | Η' | ОН |
| | -amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| | -amino acid | S | 2-Aminohypoxanthine | Н | ОН |
| | amino acid | S | 2-N-acetylguanine | Н | ОН |
| | -amino acid | S | 4-N-acetylcytosine | Н | ОН |
| | amino acid | S | 6-N-acetyladenine | Н | ОН |
| | amino acid | s | 2-N-acetyl-8-fluoroguanine | Н | ОН |
| | amino acid | Š | 4-N-acetyl-5-fluorocytosine | H | ОН |
| | amino acid | s | 6-N-acetyl-2-fluoroadenine | H | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Н | OH |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | H | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | H | ОН |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | H | ОН |
| CF ₃ | O-amino acid | s | 2-N-acetylamino-8-fluorohypoxanthine | H | OH |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | H | ОН |
| CF ₃ | O-acyl | S | Thymine | H | ОН |
| CF ₃ | O-acyl | S | Uracil | H | OH |
| CF ₃ | O-acyl | S | Guanine | Н | ОН |
| CF ₃ | O-acyl | S | Cytosine | Н | OH |
| CF ₃ | O-acyl | S | Adenine | H | OH |
| CF ₃ | O-acyl | S | Hypoxanthine | H | OH |
| CF ₃ | O-acyl | S | 5-Fluorouracil | H | OH · |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | H | OH |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | H | OH |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | Н | OH |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | H | ОН |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 2-Aminoadenine | Н | ОН |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | Н | ОН |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | Н | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | Н | OH |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | OH |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Н | OH |
| | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | Н | OH |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Н | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | ОН |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | H | Н |
| CF ₃ | O-amino acid | S | Thymine | O-amino | H |
| | | | · | acid | |
| CF ₃ | O-amino acid | S | Uracil | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | Guanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | Cytosine | O-amino | Н |
| | | | | acid | |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|------------------------------------|--------------|----------------|
| CF ₃ | O-amino acid | S | Adenine | O-amino | Н |
| _ | | | | acid | į |
| CF ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | | | acid | İ |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н. |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| | | | • | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| .* | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| | | | , | acid | |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| L | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | <u> </u> | | 121 | acid | <u> </u> |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| | | | CN | acid | TT |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino acid | H |
| CE | O amino said | - | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| CF ₃ | O-amino acid | S | 2-14-acety1-6-11u0loguamme | acid | ** |
| CE | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| CF ₃ | O-amino acid | 3 | | acid | * * |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| Cr3 | O-ammo acid | 3 | 0-14-accty1-2-Huoroadellille | acid | ** |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| C1.3 | O-amino acid | ٦ | 0-14-acctyr-2,0-amaoroadcmine | acid | 1 |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| C1.3 | O-animo acid | , | | acid | ** |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| Cr ₃ | O-annio acid | " | 0-14-uccty1-2-ammo-0-moroaucimic | acid | 1 ** |
| L | L | L | | 1 uoiu | <u> </u> |

| CF3 O-amino acid S 2-N-acetylaminoadenine O-amino acid H CF3 O-amino acid S 2-N-acetylamino-8-fluoroadenine O-amino acid H CF3 O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine O-amino acid H CF3 O-amino acid S 2-N-acetylaminohypoxanthine O-amino acid H CF3 O-acyl S Thymine O-acyl H CF3 O-acyl S Thymine O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H CF3 O-acyl S S-Fl | |
|--|----------|
| CF3 O-amino acid S 2-N-acetylamino-8-fluoroadenine O-amino acid H CF3 O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine O-amino acid H CF3 O-amino acid S 2-N-acetylaminohypoxanthine O-amino acid H CF3 O-acyl S Thymine O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Hypoxanthine O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H CF3 O-acyl S S-Fluorouracil | |
| CF3 | |
| CF3 O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine acid CF3 O-amino acid S 2-N-acetylaminohypoxanthine O-amino acid CF3 O-acyl S Thymine O-acyl H CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Hypoxanthine O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H < | |
| CF3 | |
| CF3 | |
| CF3 | |
| CF3 | |
| CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Guanine O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H CF3 O-acyl S 2-Fluorouracil O-acyl H CF3< | |
| CF3 O-acyl S Uracil O-acyl H CF3 O-acyl S Guanine O-acyl H CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S S-Fluorouracil O-acyl H CF3 O-acyl S 2-Fluorouracil O-acyl H CF3< | |
| CF₃ O-acyl S Guanine O-acyl H CF₃ O-acyl S Cytosine O-acyl H CF₃ O-acyl S Adenine O-acyl H CF₃ O-acyl S Hypoxanthine O-acyl H CF₃ O-acyl S F.Fluorouracil O-acyl H CF₃ O-acyl S S.Fluorouracil O-acyl H CF₃ O-acyl S 2.Fluorouracil O-acyl H CF₃ O-acyl S 2.Fluorouracil O-acyl H | |
| CF3 O-acyl S Cytosine O-acyl H CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Hypoxanthine O-acyl H CF3 O-acyl S 5-Fluorouracil O-acyl H CF3 O-acyl S 8-Fluoroguanine O-acyl H CF3 O-acyl S 5-Fluorocytosine O-acyl H CF3 O-acyl S 8-Fluorodenine O-acyl H CF3 O-acyl S 2-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl H | |
| CF3 O-acyl S Adenine O-acyl H CF3 O-acyl S Hypoxanthine O-acyl H CF3 O-acyl S 5-Fluorouracil O-acyl H CF3 O-acyl S 8-Fluoroguanine O-acyl H CF3 O-acyl S 5-Fluorocytosine O-acyl H CF3 O-acyl S 8-Fluorodenine O-acyl H CF3 O-acyl S 2-Fluorodenine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl | |
| CF3O-acylSHypoxanthineO-acylHCF3O-acylS5-FluorouracilO-acylHCF3O-acylS8-FluoroguanineO-acylHCF3O-acylS5-FluorocytosineO-acylHCF3O-acylS8-FluoroadenineO-acylHCF3O-acylS2-FluoroadenineO-acylHCF3O-acylS2-FluorohypoxanthineO-acylHCF3O-acylS2-FluorohypoxanthineO-acylHCF3O-acylS2-FluorohypoxanthineO-acylHCF3O-acylS2-AminoadenineO-acylHCF3O-acylS2-AminoadenineO-acylHCF3O-acylS2-Amino-8-fluoroadenineO-acylHCF3O-acylS2-Amino-8-fluorohypoxanthineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS6-N-acetyl-3-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2 | |
| CF3 O-acyl S 5-Fluorouracil O-acyl H CF3 O-acyl S 8-Fluoroguanine O-acyl H CF3 O-acyl S 5-Fluorocytosine O-acyl H CF3 O-acyl S 8-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl H CF3 O-acyl S 2-Amino-8-fluoroadenine O-acyl H CF3 O-acyl S 2-Amino-8-fluoroadenine O-acyl H CF3 O-acyl S 2-N-acetyladenine | |
| CF3 O-acyl S 8-Fluoroguanine O-acyl H CF3 O-acyl S 5-Fluorocytosine O-acyl H CF3 O-acyl S 8-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2-Aminoadenine O-acyl H CF3 O-acyl S 2-Aminohypoxanthine < | |
| CF3 O-acyl S 5-Fluorocytosine O-acyl H CF3 O-acyl S 8-Fluoroadenine O-acyl H CF3 O-acyl S 2-Fluoroadenine O-acyl H CF3 O-acyl S 2,8-Difluoroadenine O-acyl H CF3 O-acyl S 2-Fluorohypoxanthine O-acyl H CF3 O-acyl S 2,8-Difluorohypoxanthine O-acyl H CF3 O-acyl S 2,2-Amino-8-fluorohypoxanthine O-acyl H CF3 O-acyl S 2,2-Amino-8-fluorohypoxanthine O-acyl H CF3 O-acyl S 2,2-Aminohypoxanthine O-acyl H CF3 O-acyl | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| CF3O-acylS8-FluorohypoxanthineO-acylHCF3O-acylS2,8-DifluorohypoxanthineO-acylHCF3O-acylS2-AminoadenineO-acylHCF3O-acylS2-Amino-8-fluoroadenineO-acylHCF3O-acylS2-AminohypoxanthineO-acylHCF3O-acylS2-AminohypoxanthineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS4-N-acetyladenineO-acylHCF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS2,8-DifluorohypoxanthineO-acylHCF3O-acylS2-AminoadenineO-acylHCF3O-acylS2-Amino-8-fluoroadenineO-acylHCF3O-acylS2-Amino-8-fluorohypoxanthineO-acylHCF3O-acylS2-AminohypoxanthineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS4-N-acetyladenineO-acylHCF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| CF3O-acylS2-Amino-8-fluorohypoxanthineO-acylHCF3O-acylS2-AminohypoxanthineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS6-N-acetyladenineO-acylHCF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS2-AminohypoxanthineO-acylHCF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS6-N-acetyladenineO-acylHCF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | _ |
| CF3O-acylS2-N-acetylguanineO-acylHCF3O-acylS4-N-acetylcytosineO-acylHCF3O-acylS6-N-acetyladenineO-acylHCF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | · |
| CF ₃ O-acyl S 4-N-acetylcytosine O-acyl H CF ₃ O-acyl S 6-N-acetyladenine O-acyl H CF ₃ O-acyl S 2-N-acetyl-8-fluoroguanine O-acyl H CF ₃ O-acyl S 4-N-acetyl-5-fluorocytosine O-acyl H CF ₃ O-acyl S 6-N-acetyl-2-fluoroadenine O-acyl H CF ₃ O-acyl S 6-N-acetyl-2,8-difluoroadenine O-acyl H CF ₃ O-acyl S 6-N-acetyl-2-aminoadenine O-acyl H CF ₃ O-acyl S 6-N-acetyl-2-aminoadenine O-acyl H CF ₃ O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine O-acyl H CF ₃ O-acyl S 2-N-acetylaminoadenine O-acyl H CF ₃ O-acyl S 2-N-acetylaminoadenine O-acyl H | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| CF3O-acylS2-N-acetyl-8-fluoroguanineO-acylHCF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS4-N-acetyl-5-fluorocytosineO-acylHCF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS6-N-acetyl-2-fluoroadenineO-acylHCF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS6-N-acetyl-2,8-difluoroadenineO-acylHCF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF3O-acylS6-N-acetyl-2-aminoadenineO-acylHCF3O-acylS6-N-acetyl-2-amino-8-fluoroadenineO-acylHCF3O-acylS2-N-acetylaminoadenineO-acylH | |
| CF ₃ O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine O-acyl H CF ₃ O-acyl S 2-N-acetylaminoadenine O-acyl H | |
| CF ₃ O-acyl S 2-N-acetylaminoadenine O-acyl H | |
| | |
| CF ₃ O-acyl S 2-N-acetylamino-8-fluoroadenine O-acyl H | · ——— |
| | |
| CF ₃ O-acyl S 2-N-acetylamino-8-fluorohypoxanthine O-acyl H | |
| CF ₃ O-acyl S 2-N-acetylaminohypoxanthine O-acyl H | |
| CF ₃ O-amino acid S Thymine O-amino H | - |
| acid | |
| CF ₃ O-amino acid S Uracil O-amino H | |
| acid | |
| CF ₃ O-amino acid S Guanine O-amino H | |
| acid | |
| CF ₃ O-amino acid S Cytosine O-amino H | |
| acid | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|------------|------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | | , | acid | |
| CF ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | 1 | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| | | l <u>.</u> | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| L | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| <u> </u> | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | Н |
| | | _ | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| - | | | 427 - 150 | acid | |
| CF₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| L | <u> </u> | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | H |
| <u></u> | | | 631 | acid | <u> </u> |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| <u> </u> | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |

| R ⁶ | \mathbb{R}^{7} | X | Base | R ⁸ | R ⁹ |
|-----------------|------------------|----|--------------------------------------|-----------------|----------------|
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino acid | Н |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino acid | Н |
| CF ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | S | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | S | Guanine | O-acyl | Н |
| CF ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CF ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S. | 2-N-acetylguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | S | Thymine | O-amino | H |
| | | | | acid | - |
| CF ₃ | O-amino acid | S | Uracil | O-amino acid | Н |
| CF ₃ | O-amino acid | S | Guanine | O-amino acid | Н |
| CF ₃ | O-amino acid | S | Cytosine | O-amino acid | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------------------------|----------|-------------------------------------|-----------------|--|
| CF ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | <u> </u> | | acid | |
| CF ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| | | L | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| <u> </u> | | | | acid | L <u>.</u> |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| CF ₃ | O-amino acid | s | 8-Fluoroadenine | O-amino | H |
| CF3 | | 13 | 6-Fluoroadeinne | acid | |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| 013 | O-animo acid | | 2-1 luoroadennie | acid | ** |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| 0. 3 | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| | | , | •• | acid | |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | О-атіпо | Н |
| | | | | acid | _ |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | | acid | ,, |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | H |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| Cr3 | O-amino acid | 3 | 2-Ammo-8-ndoronypoxanume | acid | ¹⁷ |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| | | | 2 · | acid | ** |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | H |
| | | | • 5 | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| | | | | acid | L. |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | H |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | Н] |
| | | | 131 | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| CE | 0 | | 6 N costal 2 fluores desire | acid | 7.7 |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino acid | Н |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | H |
| Cr3 | O-animo acia | 3 | . 0-14-accty1-2,0-diffuoi0adcfffffe | acid | ** |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | H |
| U. 3 | | ٦ | o 14 doory 1-2-diffinondenine | acid | ^ |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| , | | _ | | acid | |
| ——— <u> </u> | لــــــــــــــــــــــــــــــــــــ | | | | لـــــــــــــــــــــــــــــــــــــ |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| _ | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | i | | · | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | | ĺ | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | S | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | S | Guanine | O-acyl | H |
| CF ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CF ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | | H |
| | | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | | O-acyl | |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | | 2-N-acetylguanine | O-acyl | H |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | H |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | H |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | S | Thymine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | Uracil | O-amino | Н |
| - | | | | acid | |
| CF ₃ | O-amino acid | S | Guanine | O-amino | Н |
| - | | | | acid | |
| CF ₃ | O-amino acid | S | Cytosine | O-amino | Н |
| 3 | | | • | acid | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--|----------------|----------------|
| CF ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | ŀ | | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| | | ľ | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | } |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| 3 | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| , | | | - | acid | |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| | | | , | acid |] |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| 0., | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| Ψ. , | | | , -,,, , , , , , , , , , , , , | acid | |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | H |
| 01, | 0 | | | acid | ••• · |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| J_ , | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| 0., | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| · | | | , | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | _ | | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| <i></i> , | | _ | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | Н |
| | | | • | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| , | | | | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| 3 | | _ | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н . |
| 3 | | _ | | acid | - - |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| , | | | 2 1. Story 1 and a strawn warming | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| U 1 5 | | | 2 | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| Ç1'3 | | • | | acid | ** |
| | | | | 1 acid | L |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|---|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| 1 | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| - | | | 1 | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | ł | | | acid | j |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | Н |
| - | | i | • | acid | |
| CF ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | S | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | S | Guanine | O-acyl | Н |
| CF ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CF ₃ | O-acyl | s | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | H |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CF ₃ | O-amino acid | S | Thymine | O-amino | Н |
| | _ | | · | acid | |
| CF ₃ | O-amino acid | S | Uracil | O-amino | Н |
| | | | | acid | · |
| CF ₃ | O-amino acid | S | Guanine | O-amino | Н |
| - | | | | acid | |
| CF ₃ | O-amino acid | S | Cytosine | O-amino | Н |
| | | | | acid | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | | | acid | ļ |
| CF ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | <u> </u> |
| CF ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| 0.0 | | | | acid | |
| CF ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| or | 0 | - | 2-Amino-8-fluoroadenine | acid | TT |
| CF ₃ | O-amino acid | S | 2-Amino-8-iluoroadenine | O-amino | Н |
| CF ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| Cr ₃ | O-amino aciu | 3 | 2-Annio-8-nuoronypoxantinne | acid | n |
| CF ₃ | O-amino acid | s | 2-Aminohypoxanthine | O-amino | Н |
| Cr3 | O-animo acid | 3 | 2-Annionypoxantinine | acid | ** |
| CF ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| Ci j | O-amino acid | 3 | 2-14-uccty i guarrino | acid | 1 ** |
| CF ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| O. 3 | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | Н |
| , | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | H |
| | | - | | acid | |
| CF ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | | • | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | | acid |] |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |

| R ⁶ | \mathbb{R}^7 | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CF ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | | • | acid | 1 |
| CF ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| _ | | | | acid | |
| CF ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | Н |
| _ | | | , | acid | |
| CF ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CF ₃ | O-acyl | S | Uracil | O-acyl | Н |
| CF ₃ | O-acyl | S | Guanine | O-acyl | Н |
| CF ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CF ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | H |
| CF ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CF ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CF ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | H |
| CF ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | Н | S | Thymine | F | O-acyl |
| CH ₃ | Н | S | Uracil | F | O-acyl |
| CH ₃ | Н | S | Guanine | F | O-acyl |
| CH ₃ | Н | S | Cytosine | F | O-acyl |
| CH ₃ | Н | S | Adenine | F | O-acyl |
| CH ₃ | Н | S | Hypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 5-Fluorouracil | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | S | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | Н | S | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | Н | S | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 2-Aminoadenine | F | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | Н | S | 4-N-acetylcytosine | F | O-acyl |
| - | Н | S | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | H | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | H | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | H | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| | Н | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | H | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | Thymine | F | O-acyl |
| CH ₃ | O-amino acid | S | Uracil | F | O-acyl |
| CH ₃ | O-amino acid | S | Guanine | F | O-acyl |
| CH ₃ | O-amino acid | S | Cytosine | F | O-acyl |
| CH ₃ | O-amino acid | S | Adenine | F | O-acyl |
| CH ₃ | O-amino acid | S | Hypoxanthine | F | O-acyl |
| _ | O-amino acid | S | 5-Fluorouracil | F | O-acyl |
| - | O-amino acid | S | 8-Fluoroguanine | F | O-acyl |
| | O-amino acid | S | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | F | O-acyl |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|-----|--------------------------------------|---|----------------|
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | Thymine | F | O-acyl |
| CH ₃ | O-acyl | S | Uracil | F | O-acyl |
| CH ₃ | O-acyl | S | Guanine | F | O-acyl |
| CH ₃ | O-acyl | S | Cytosine | F | O-acyl |
| CH ₃ | O-acyl | S | Adenine | F | O-acyl |
| CH ₃ | O-acyl | S | Hypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 5-Fluorouracil | F | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Aminoadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| | O-acyl | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | O-acyl | Š | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| $\overline{}$ | O-acyl | S | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | OH OH | S | Thymine | F | O-acyl |
| CH ₃ | OH | S | Uracil | F | O-acyl |
| CH ₃ | OH | S | Guanine | F | O-acyl |
| CH ₃ | OH | S | Cytosine | F | O-acyl |
| CH ₃ | OH | S | Adenine | F | O-acyl |
| CIT3 | OI I | ر ح | Additite | * | U-acyi |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | Hypoxanthine | F | O-acyl |
| CH ₃ | ОН | S | 5-Fluorouracil | F | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroguanine | F | O-acyl |
| CH ₃ | OH | S | 5-Fluorocytosine | F | O-acyl |
| CH ₃ | OH | S | 8-Fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-Fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | S | 8-Fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | S | 2-Aminoadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | F | O-acyl |
| CH₃ | ОН | s | 2-Aminohypoxanthine | F | O-acyl |
| CH ₃ | OH | S | 2-N-acetylguanine | F | O-acyl |
| CH ₃ | OH | S | 4-N-acetylcytosine | F | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyladenine | F | O-acyl |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | F | O-acyl |
| CH ₃ | OH | S | 4-N-acetyl-5-fluorocytosine | F | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | F | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | F | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | F | O-acyl |
| CH ₃ | Н | S | Thymine | Br | O-acyl |
| CH ₃ | Н | S | Uracil | Br | O-acyl |
| CH ₃ | Н | S | Guanine | Br | O-acyl |
| CH ₃ | Н | S | Cytosine | Br | O-acyl |
| CH ₃ | Н | S | Adenine | Br | O-acyl |
| CH ₃ | Н | S | Hypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | Н | S | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | Н | S | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | Н | S | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetylguanine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | S | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | Н | S | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | Thymine | Br | O-acyl |
| CH ₃ | O-amino acid | S | Uracil | Br | O-acyl |
| CH ₃ | O-amino acid | S | Guanine | Br | O-acyl |
| CH ₃ | O-amino acid | S | Cytosine | Br | O-acyl |
| CH ₃ | O-amino acid | S | Adenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | Hypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Вг | O-acyl |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Br | O-acyl |
| | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | Thymine | Br | O-acyl |
| CH ₃ | O-acyl | S | Uracil | Br | O-acyl |
| CH ₃ | O-acyl | S | Guanine | Br | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | Cytosine | Br | O-acyl |
| CH ₃ | O-acyl | S | Adenine | Br | O-acyl |
| CH ₃ | O-acyl | S | Hypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Br | O-acyl |
| CH₃ | O-acyl | S | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Вг | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Вг | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | S | Thymine | Br | O-acyl |
| CH ₃ | OH | S | Uracil | Br | O-acyl |
| CH ₃ | ОН | S | Guanine | Br | O-acyl |
| CH ₃ | ОН | S | Cytosine | Br | O-acyl |
| CH ₃ | OH | S | Adenine | Br | O-acyl |
| | ОН | S | Hypoxanthine | Br | O-acyl |
| CH ₃ | ОН | S | 5-Fluorouracil | Br | O-acyl |
| CH ₃ | OH | S | 8-Fluoroguanine | Br | O-acyl |
| CH ₃ | ОН | S | 5-Fluorocytosine | Br | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroadenine | Br | O-acyl_ |
| CH ₃ | ОН | S | 2-Fluoroadenine | Br | O-acyl |
| CH ₃ | OH | S | 2,8-Difluoroadenine | Br | O-acyl |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | OH | S | 8-Fluorohypoxanthine | Br | O-acyl |
| CH ₃ | OH | S | 2,8-Difluorohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | S | 2-Aminoadenine | Br | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | OH | S | 2-Amino-8-fluorohypoxanthine | Br | O-acyl_ |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Br | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylguanine | Br | O-acyl |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Br | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyladenine | Br | O-acyl |
| CH ₃ | OH | S | 2-N-acetyl-8-fluoroguanine | Br | O-acyl |
| CH ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Br | O-acyl |
| CH ₃ | ОН | S. | 6-N-acetyl-2-fluoroadenine | Br | O-acyl |
| CH ₃ | OH | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Br | O-acyl |
| CH ₃ | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | Br | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Br | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Вг | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Br | O-acyl |
| CH ₃ | O-acyl | S | Thymine | CI | O-acyl |
| CH ₃ | O-acyl | S | Uracil | CI | O-acyl |
| CH ₃ | O-acyl | S | Guanine | CI | O-acyl |
| CH ₃ | O-acyl | S | Cytosine | CI | O-acyl |
| CH ₃ | O-acyl | S | Adenine | CI | O-acyl |
| CH ₃ | O-acyl | S | Hypoxanthine | CI | O-acyl |
| CH ₃ | O-acyl | S | 5-Fluorouracil | CI | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Cl | O-acyl |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | CI | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | CI | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | CI | O-acyl |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | CI | O-acyl |
| CH ₃ | O-acyl | S | 2-Aminoadenine | CI | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| | O-acyl | S | 2-Aminohypoxanthine | Cl | O-acyl |
| | O-acyl | S | 2-N-acetylguanine | CI | O-acyl |
| | O-acyl | S | 4-N-acetylcytosine | Cl | O-acyl |
| | O-acyl | S | 6-N-acetyladenine | Cl | O-acyl |
| | O-acyl | S | 2-N-acetyl-8-fluoroguanine | CI | O-acyl |
| | O-acyl | S | 4-N-acetyl-5-fluorocytosine | CI | O-acyl |
| | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-acyl |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Cl | O-acyl |
| | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-acyl |
| | O-acyl | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | S_ | Thymine | Cl | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | Uracil | CI | O-acyl |
| CH ₃ | OH | S | Guanine | CI | O-acyl |
| CH ₃ | OH | S | Cytosine | Cl | O-acyl |
| CH ₃ | OH | S | Adenine | CI | O-acyl |
| CH ₃ | ОН | S | Hypoxanthine | CI | O-acyl |
| CH ₃ | ОН | S | 5-Fluorouracil | Cl | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroguanine | Cl | O-acyl |
| CH ₃ | ОН | S | 5-Fluorocytosine | CI | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroadenine | CI | O-acyl |
| CH ₃ | ОН | S | 2-Fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | CI | O-acyl |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | ОН | S | 8-Fluorohypoxanthine | CI | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-Aminoadenine | CI | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | CI | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylguanine | Cl | O-acyl |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Cl | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyladenine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Cl | O-acyl |
| CH ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Cl | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Cl | O-acyl |
| CH ₃ | OH . | S | 6-N-acetyl-2,8-difluoroadenine | CI | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Cl | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | CI | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | S | Thymine | CI | O-acyl |
| | Н | S | Uracil | Cl | O-acyl |
| | Н | S | Guanine | Cl | O-acyl |
| CH ₃ | Н | S | Cytosine | Cl | O-acyl |
| CH ₃ | | S | Adenine | Cl | O-acyl |
| CH ₃ | H | S | Hypoxanthine | Cl | O-acyl |
| CH ₃ | Н | S | 5-Fluorouracil | Cl | O-acyl |
| | Н | S | 8-Fluoroguanine | Cl | O-acyl |
| CH ₃ | Н | S | 5-Fluorocytosine | Cl | O-acyl |
| | Н | S | 8-Fluoroadenine | Cl | O-acyl |
| CH ₃ | Н | S | 2-Fluoroadenine | Cl | O-acyl |
| CH ₃ | Н | S | 2,8-Difluoroadenine | Cl | O-acyl |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | H | S | 8-Fluorohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | S | 2-Aminoadenine | Cl | O-acyl |

| R ⁶ R ⁷ X Base R ⁸ R ⁹ CH ₃ H S 2-Amino-8-fluoroadenine Cl O-acyl CH ₃ H S 2-Amino-8-fluorohypoxanthine Cl O-acyl CH ₃ H S 2-N-acetylguanine Cl O-acyl CH ₃ H S 4-N-acetyleytosine Cl O-acyl CH ₃ H S 6-N-acetyl-8-fluoroguanine Cl O-acyl CH ₃ H S 6-N-acetyl-18-fluoroguanine Cl O-acyl CH ₃ H S 6-N-acetyl-19-fluoroguanine Cl O-acyl CH ₃ H S 6-N-acetyl-2-fluoroguanine Cl O-acyl CH ₃ H < | |
|--|---|
| CH3 H S 2-Amino-8-fluorohypoxanthine CI O-acyl CH3 H S 2-Aminohypoxanthine CI O-acyl CH3 H S 2-N-acetylguanine CI O-acyl CH3 H S 4-N-acetylcytosine CI O-acyl CH3 H S 6-N-acetyladenine CI O-acyl CH3 H S 2-N-acetyl-8-fluoroguanine CI O-acyl CH3 H S 4-N-acetyl-5-fluoroguanine CI O-acyl CH3 H S 4-N-acetyl-5-fluoroguanine CI O-acyl CH3 H S 6-N-acetyl-5-fluoroguanine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroguanine CI O-acyl CH3 H S 6-N-acetyl-2-gliuoroguanine CI O-acyl CH3 H S 6-N-acetyl-2-gliuoroguanine CI O-acyl CH3 H S 2 | |
| CH3 H S 2-Aminohypoxanthine CI O-acyl CH3 H S 2-N-acetylguanine CI O-acyl CH3 H S 4-N-acetylcytosine CI O-acyl CH3 H S 6-N-acetyl-3-fluoroguanine CI O-acyl CH3 H S 6-N-acetyl-5-fluorocytosine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-g-diluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 H S 2-N | |
| CH3 H S 2-N-acetylguanine CI O-acyl CH3 H S 4-N-acetylcytosine CI O-acyl CH3 H S 6-N-acetyl-8-fluoroguanine CI O-acyl CH3 H S 2-N-acetyl-8-fluoroguanine CI O-acyl CH3 H S 4-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-g-difluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-amino-8-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-amino-8-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-amino-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylamino-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylamino-8-fluoroadenine CI O-acyl CH3 | |
| CH3 H S 4-N-acetylcytosine CI O-acyl CH3 H S 6-N-acetyladenine CI O-acyl CH3 H S 2-N-acetyl-8-fluoroguanine CI O-acyl CH3 H S 4-N-acetyl-5-fluorocytosine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoa-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylaminoa-8-fluoroadenine CI O-acyl CH3 | |
| CH3 H S 6-N-acetyladenine CI O-acyl CH3 H S 2-N-acetyl-8-fluoroguanine CI O-acyl CH3 H S 4-N-acetyl-5-fluorocytosine CI O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoa-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 H S 2-N-acetylaminoa-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylaminoa-8-fluoroadenine CI O-acyl CH3 O-amino aci | |
| CH3HS2-N-acetyl-8-fluoroguanineClO-acylCH3HS4-N-acetyl-5-fluorocytosineClO-acylCH3HS6-N-acetyl-2-fluoroadenineClO-acylCH3HS6-N-acetyl-2-g-difluoroadenineClO-acylCH3HS6-N-acetyl-2-aminoadenineClO-acylCH3HS6-N-acetyl-2-aminoadenineClO-acylCH3HS2-N-acetylaminoadenineClO-acylCH3HS2-N-acetylaminoadenineClO-acylCH3HS2-N-acetylamino-8-fluoroadenineClO-acylCH3HS2-N-acetylamino-8-fluorohypoxanthineClO-acylCH3HS2-N-acetylaminohypoxanthineClO-acylCH3O-amino acidSThymineClO-acylCH3O-amino acidSUracilClO-acylCH3O-amino acidSCytosineClO-acylCH3O-amino acidSAdenineClO-acylCH3O-amino acidS5-FluorouracilClO-acylCH3O-amino acidS8-FluorodenineClO-acylCH3O-amino acidS8-FluorodenineClO-acylCH3O-amino acidS2-FluorodenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3 <t< td=""><td></td></t<> | |
| CH3 H S 4-N-acetyl-5-fluorocytosine Cl O-acyl CH3 H S 6-N-acetyl-2-fluoroadenine Cl O-acyl CH3 H S 6-N-acetyl-2,8-difluoroadenine Cl O-acyl CH3 H S 6-N-acetyl-2-aminoadenine Cl O-acyl CH3 H S 6-N-acetyl-2-amino-8-fluoroadenine Cl O-acyl CH3 H S 2-N-acetylaminoadenine Cl O-acyl CH3 H S 2-N-acetylaminoadenine Cl O-acyl CH3 H S 2-N-acetylamino-8-fluoroadenine Cl O-acyl CH3 H S 2-N-acetylamino-8-fluorobypoxanthine Cl O-acyl CH3 H S 2-N-acetylamino-8-fluorobypoxanthine Cl O-acyl CH3 H S 2-N-acetylamino-8-fluorobypoxanthine Cl O-acyl CH3 O-amino acid S Uracil Cl O-acyl C | |
| CH3 H S 6-N-acetyl-2-fluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2,8-difluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 2-N-acetylaminoadenine CI O-acyl CH3 O-amino acid S Thymine CI O-acyl CH3 O-amino acid S Guanine CI O-acyl CH3 O-amino acid S Adenine CI O-acyl CH3 O-amino acid S 8-F | |
| CH3 H S 6-N-acetyl-2,8-difluoroadenine CI O-acyl CH3 H S 6-N-acetyl-2-aminoadenine CI O-acyl CH3 H S 6-N-acetyl-2-amino-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylamino-8-fluoroadenine CI O-acyl CH3 H S 2-N-acetylamino-8-fluorohypoxanthine CI O-acyl CH3 O-amino acid S Thymine CI O-acyl CH3 O-amino acid S Uracil CI O-acyl CH3 O-amino acid S Adenine CI O-acyl CH3 O-amino acid S 5-Fluorouracil CI O-acyl C | |
| CH3HS6-N-acetyl-2-aminoadenineCIO-acylCH3HS6-N-acetyl-2-amino-8-fluoroadenineCIO-acylCH3HS2-N-acetylaminoadenineCIO-acylCH3HS2-N-acetylamino-8-fluoroadenineCIO-acylCH3HS2-N-acetylamino-8-fluorohypoxanthineCIO-acylCH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS8-FluorodenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acyl< | |
| CH3HS6-N-acetyl-2-amino-8-fluoroadenineCIO-acylCH3HS2-N-acetylaminoadenineCIO-acylCH3HS2-N-acetylamino-8-fluoroadenineCIO-acylCH3HS2-N-acetylamino-8-fluorohypoxanthineCIO-acylCH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidSS-FluoroguanineCIO-acylCH3O-amino acidSS-FluorocytosineCIO-acylCH3O-amino acidSS-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acyl | |
| CH3HS2-N-acetylaminoadenineCIO-acylCH3HS2-N-acetylamino-8-fluoroadenineCIO-acylCH3HS2-N-acetylamino-8-fluorohypoxanthineCIO-acylCH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS8-FluorocytosineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS3-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acyl <td></td> | |
| CH3HS2-N-acetylamino-8-fluoroadenineCIO-acylCH3HS2-N-acetylamino-8-fluorohypoxanthineCIO-acylCH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acyl | |
| CH3HS2-N-acetylamino-8-fluorohypoxanthineCIO-acylCH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3HS2-N-acetylaminohypoxanthineCIO-acylCH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS8-FluorocytosineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2,8-DifluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3O-amino acidSThymineCIO-acylCH3O-amino acidSUracilCIO-acylCH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acyl | |
| CH3O-amino acidSUracilClO-acylCH3O-amino acidSGuanineClO-acylCH3O-amino acidSCytosineClO-acylCH3O-amino acidSAdenineClO-acylCH3O-amino acidSHypoxanthineClO-acylCH3O-amino acidS5-FluorouracilClO-acylCH3O-amino acidS8-FluoroguanineClO-acylCH3O-amino acidS5-FluorocytosineClO-acylCH3O-amino acidS8-FluoroadenineClO-acylCH3O-amino acidS2-FluoroadenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidSGuanineCIO-acylCH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3O-amino acidSCytosineCIO-acylCH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | _ |
| CH3O-amino acidSAdenineCIO-acylCH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2,8-DifluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3O-amino acidSHypoxanthineCIO-acylCH3O-amino acidS5-FluorouracilCIO-acylCH3O-amino acidS8-FluoroguanineCIO-acylCH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2,8-DifluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3O-amino acidS5-FluorouracilClO-acylCH3O-amino acidS8-FluoroguanineClO-acylCH3O-amino acidS5-FluorocytosineClO-acylCH3O-amino acidS8-FluoroadenineClO-acylCH3O-amino acidS2-FluoroadenineClO-acylCH3O-amino acidS2,8-DifluoroadenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidS8-FluoroguanineClO-acylCH3O-amino acidS5-FluorocytosineClO-acylCH3O-amino acidS8-FluoroadenineClO-acylCH3O-amino acidS2-FluoroadenineClO-acylCH3O-amino acidS2,8-DifluoroadenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidS5-FluorocytosineCIO-acylCH3O-amino acidS8-FluoroadenineCIO-acylCH3O-amino acidS2-FluoroadenineCIO-acylCH3O-amino acidS2,8-DifluoroadenineCIO-acylCH3O-amino acidS2-FluorohypoxanthineCIO-acylCH3O-amino acidS8-FluorohypoxanthineCIO-acylCH3O-amino acidS2,8-DifluorohypoxanthineCIO-acyl | |
| CH3O-amino acidS8-FluoroadenineClO-acylCH3O-amino acidS2-FluoroadenineClO-acylCH3O-amino acidS2,8-DifluoroadenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidS2-FluoroadenineClO-acylCH3O-amino acidS2,8-DifluoroadenineClO-acylCH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidS2-FluorohypoxanthineClO-acylCH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH3O-amino acidS8-FluorohypoxanthineClO-acylCH3O-amino acidS2,8-DifluorohypoxanthineClO-acyl | |
| CH ₃ O-amino acid S 2,8-Difluorohypoxanthine Cl O-acyl | |
| | |
| CH ₃ O-amino acid S 2-Aminoadenine Cl O-acvl | |
| | |
| CH ₃ O-amino acid S 2-Amino-8-fluoroadenine Cl O-acyl | |
| CH ₃ O-amino acid S 2-Amino-8-fluorohypoxanthine Cl O-acyl | |
| CH ₃ O-amino acid S 2-Aminohypoxanthine Cl O-acyl | |
| CH ₃ O-amino acid S 2-N-acetylguanine Cl O-acyl | |
| CH ₃ O-amino acid S 4-N-acetylcytosine Cl O-acyl | |
| CH ₃ O-amino acid S 6-N-acetyladenine Cl O-acyl | |
| CH ₃ O-amino acid S 2-N-acetyl-8-fluoroguanine Cl O-acyl | |
| CH ₃ O-amino acid S 4-N-acetyl-5-fluorocytosine Cl O-acyl | |
| CH ₃ O-amino acid S 6-N-acetyl-2-fluoroadenine Cl O-acyl | |
| CH ₃ O-amino acid S 6-N-acetyl-2,8-difluoroadenine Cl O-acyl | |
| CH ₃ O-amino acid S 6-N-acetyl-2-aminoadenine Cl O-acyl | |
| CH ₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine Cl O-acyl | |
| CH ₃ O-amino acid S 2-N-acetylaminoadenine Cl O-acyl | |
| CH ₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine Cl O-acyl | |
| CH ₃ O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine Cl O-acyl | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Cl | O-acyl |
| CH ₃ | Н | S | Thymine | Н | O-acyl |
| CH ₃ | Н | S | Uracil | Н | O-acyl |
| CH ₃ | Н | S | Guanine | Н | O-acyl |
| CH ₃ | Н | S | Cytosine | Н | O-acyl |
| CH ₃ | Н | S | Adenine | Н | O-acyl |
| CH ₃ | Н | S | Hypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | Н | S | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | Н | S | 5-Fluorocytosine | Н | O-acyl |
| CH ₃ | Н | S | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 2-Aminoadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 2-Aminohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetylguanine | Н | O-acyl |
| CH ₃ | Н | S | 4-N-acetylcytosine | Н | O-acyl |
| CH ₃ | Н | S | 6-N-acetyladenine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CH ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CH ₃ | H | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | S | Thymine | Н | O-acyl |
| CH ₃ | O-amino acid | S | Uracil | Н | O-acyl |
| CH ₃ | O-amino acid | S | Guanine | Н | O-acyl |
| CH ₃ | O-amino acid | S | Cytosine | Н | O-acyl |
| CH ₃ | O-amino acid | S | Adenine | Н | O-acyl |
| CH ₃ | O-amino acid | S | Hypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | H . | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Н | O-acyl |

| CH ₃ O-amino acid S 2,8-Difluorohypoxanthine H O-acyl CH ₃ O-amino acid S 2-Aminoachine H O-acyl CH ₃ O-amino acid S 2-Aminoachine H O-acyl CH ₃ O-amino acid S 2-Aminohypoxanthine H O-acyl CH ₃ O-amino acid S 2-Aminohypoxanthine H O-acyl CH ₃ O-amino acid S 2-N-acetylyquanine H O-acyl CH ₃ O-amino acid S 4-N-acetyleytosine H O-acyl CH ₃ O-amino acid S 6-N-acetyley-aminoacine H O-acyl | R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|---|-----------------|----------------|---|------------------------------------|----------------|-------------|
| CH ₃ O-amino acid S 2-Aminoa-Riuoroadenine H O-acyl CH ₃ O-amino acid S 2-Amino-8-fluoroadenine H O-acyl CH ₃ O-amino acid S 2-Amino-8-fluorohypoxanthine H O-acyl CH ₃ O-amino acid S 2-Aminohypoxanthine H O-acyl CH ₃ O-amino acid S 2-N-acetyl-gluanine H O-acyl CH ₃ O-amino acid S 4-N-acetyl-gluanine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-gluanine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-gluanine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-gluanine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-S-fluoroadenine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-2-aminoa-8-fluoroadenine H O-acyl CH ₃ O-amino acid S 2-N-acetylaninoa-8-fluoroadeni | | O-amino acid | | | Н | - |
| CH₃ 0-amino acid S 2-Amino-8-fluorodenine H O-acyl CH₃ 0-amino acid S 2-Amino-Parthine H O-acyl CH₃ 0-amino acid S 2-Aminohypoxanthine H O-acyl CH₃ 0-amino acid S 2-N-acetyleytosine H O-acyl CH₃ 0-amino acid S 4-N-acetyleytosine H O-acyl CH₃ 0-amino acid S 6-N-acetyleytosine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-8-fluoroguanine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoa-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylamino-8-fluorohypoxanthine <t< td=""><td>CH₃</td><td>O-amino acid</td><td>S</td><td>2-Aminoadenine</td><td>Н</td><td>O-acyl</td></t<> | CH ₃ | O-amino acid | S | 2-Aminoadenine | Н | O-acyl |
| CH₃ O-amino acid S 2-Amino-8-fluorohypoxanthine H O-acyl CH₃ O-amino acid S 2-Macetylguanine H O-acyl CH₃ O-amino acid S 2-N-acetylguanine H O-acyl CH₃ O-amino acid S 4-N-acetyleytosine H O-acyl CH₃ O-amino acid S 4-N-acetyl-3-fluoroguanine H O-acyl CH₃ O-amino acid S 4-N-acetyl-3-fluoroguanine H O-acyl CH₃ O-amino acid S 4-N-acetyl-2-fluoroguanine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoa-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoro | | O-amino acid | S | 2-Amino-8-fluoroadenine | H | |
| CH ₃ O-amino acid S 2-Aminohypoxanthine H O-acyl CH ₃ O-amino acid S 2-N-acetylguanine H O-acyl CH ₃ O-amino acid S 4-N-acetyl-eytosine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-8-fluoroguanine H O-acyl CH ₃ O-amino acid S 2-N-acetyl-8-fluoroodenine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-2-fluoroodenine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-2-gl-2-minoadenine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH ₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH ₃ O-amino acid S 2-N-acetylaminoadenine H O-acyl CH ₃ O-amino acid S 2-N-acetylaminoa-8-fluoroadenine H O-acyl CH ₃ O-amino acid S 2-N-acetylaminoa-8-fluoroadenine H O-acyl CH ₃ O-acyl S Thymine H O-acyl | | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | |
| CH₃ 0-amino acid S 2-N-acetylguanine H O-acyl CH₃ 0-amino acid S 4-N-acetylcytosine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroguanine H O-acyl CH₃ 0-amino acid S 2-N-acetyl-2-fluoroguanine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoa-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoa-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ 0-amino acid S | | O-amino acid | S | | Н | |
| CH₃ 0-amino acid S 4-N-acetyleytosine H O-acyl CH₃ 0-amino acid S 6-N-acetyladenine H O-acyl CH₃ 0-amino acid S 4-N-acetyl-8-fluoroguanine H O-acyl CH₃ 0-amino acid S 4-N-acetyl-2-fluoroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-ghioroadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoa-8-fluoroadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylaminoa-8-fluoroadenine H O-acyl CH₃ 0-acyl S Thymino | CH ₁ | O-amino acid | S | 2-N-acetylguanine | Н | |
| CH₃ O-amino acid S 6-N-acetyl-8-fluoroguanine H O-acyl CH₃ O-amino acid S 2-N-acetyl-8-fluorogytosine H O-acyl CH₃ O-amino acid S 4-N-acetyl-2-fluorogytosine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-acyl S T | | O-amino acid | S | 4-N-acetylcytosine | Н | |
| CH₃ 0-amino acid S 2-N-acetyl-8-fluoroguanine H O-acyl CH₃ 0-amino acid S 4-N-acetyl-2-fluoroguanine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-fluoroguanine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ 0-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylaminoadenine H O-acyl CH₃ 0-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ 0-acyl S Cha | | O-amino acid | S | | Н | |
| CH₃ O-amino acid S 4-N-acetyl-5-fluorocytosine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-fuoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoa-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-acyl S Thymine H O-acyl CH₃ O-acyl S Thymine <td>$\overline{}$</td> <td>O-amino acid</td> <td>S</td> <td>2-N-acetyl-8-fluoroguanine</td> <td>Н</td> <td></td> | $\overline{}$ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Н | |
| CH₃ O-amino acid S 6-N-acetyl-2-fluoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-acyl S Thymine H O-acyl CH₃ O-acyl S Guanine H O-acyl CH₃ O-acyl S Guanine H < | | | S | | Н | |
| CH₃ O-amino acid S 6-N-acetyl-2,8-difluoroadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-aminoadenine H O-acyl CH₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-acyl S Thymine H O-acyl C CH₃ O-acyl S Guanine H O-acyl C CH₃ O-acyl S Cytosine H O-acyl C Cytosine H O-acyl C <t< td=""><td></td><td>O-amino acid</td><td>S</td><td></td><td>Н</td><td></td></t<> | | O-amino acid | S | | Н | |
| CH₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-acyl S Thymine H O-acyl H O-acyl CH₃ O-acyl S Thymine H O-acyl CH O-acyl< | | O-amino acid | S | | Н | |
| CH₃ O-amino acid S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluorobypoxanthine H O-acyl CH₃ O-acyl S Uracil H O-acyl CH₃ O-acyl S Uracil H O-acyl CH₃ O-acyl S Cytosine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Fluorouracil H O-acyl CH₃ | | | S | | Н | |
| CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH₃ O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine H O-acyl CH₃ O-acyl S Thymine H O-acyl CH₃ O-acyl S Thymine H O-acyl CH₃ O-acyl S Uracil H O-acyl CH₃ O-acyl S Guanine H O-acyl CH₃ O-acyl S Guanine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S A-Fluoroadenine H O-acyl CH₃ O-acyl S S-Fluoroadenine H | | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | |
| CH ₃ O-amino acid S 2-N-acetylamino-8-fluoroadenine H O-acyl CH ₃ O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine H O-acyl CH ₃ O-amino acid S 2-N-acetylaminohypoxanthine H O-acyl CH ₃ O-acyl S Thymine H O-acyl CH ₃ O-acyl S Uracil H O-acyl CH ₃ O-acyl S Guanine H O-acyl CH ₃ O-acyl S Cytosine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S S-Fluoroatenine H O-acyl CH ₃ O-acyl S S-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluo | | | _ | | | |
| CH₃ O-amino acid S 2-N-acetylamino-8-fluorohypoxanthine H O-acyl CH₃ O-amino acid S 2-N-acetylaminohypoxanthine H O-acyl CH₃ O-acyl S Thymine H O-acyl CH₃ O-acyl S Uracil H O-acyl CH₃ O-acyl S Guanine H O-acyl CH₃ O-acyl S Cytosine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Adenine H O-acyl CH₃ O-acyl S Hypoxanthine H O-acyl CH₃ O-acyl S Fluorouracil H O-acyl | | | | | Н | |
| CH ₃ O-amino acid S 2-N-acetylaminohypoxanthine H O-acyl CH ₃ O-acyl S Thymine H O-acyl CH ₃ O-acyl S Uracil H O-acyl CH ₃ O-acyl S Guanine H O-acyl CH ₃ O-acyl S Cytosine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Fluorouracil H O-acyl CH ₃ O-acyl S S-Fluorouracil H O-acyl </td <td></td> <td> </td> <td>S</td> <td></td> <td></td> <td></td> | | | S | | | |
| CH ₃ O-acyl S Thymine H O-acyl CH ₃ O-acyl S Uracil H O-acyl CH ₃ O-acyl S Guanine H O-acyl CH ₃ O-acyl S Cytosine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Hypoxanthine H O-acyl CH ₃ O-acyl S Fluorodacine H O-acyl CH ₃ O-acyl S 2-Fluorodacine H O-acyl < | | | S | | Н | |
| CH ₃ O-acyl S Uracil H O-acyl CH ₃ O-acyl S Guanine H O-acyl CH ₃ O-acyl S Cytosine H O-acyl CH ₃ O-acyl S Adenine H O-acyl CH ₃ O-acyl S Hypoxanthine H O-acyl CH ₃ O-acyl S F-Fluorouracil H O-acyl CH ₃ O-acyl S S-Fluoroguanine H O-acyl CH ₃ O-acyl S S-Fluorocytosine H O-acyl CH ₃ O-acyl S S-Fluorocytosine H O-acyl CH ₃ O-acyl S S-Fluorocytosine H O-acyl CH ₃ O-acyl S 2-Fluorodenine H O-acyl CH ₃ O-acyl S 2-Fluorodenine H O-acyl CH ₃ O-acyl S 2-Fluorodenine H O-acyl <td>$\overline{}$</td> <td>O-acyl</td> <td>S</td> <td>Thymine</td> <td>Н</td> <td>O-acyl</td> | $\overline{}$ | O-acyl | S | Thymine | Н | O-acyl |
| CH3 O-acyl S Guanine H O-acyl CH3 O-acyl S Cytosine H O-acyl CH3 O-acyl S Adenine H O-acyl CH3 O-acyl S Hypoxanthine H O-acyl CH3 O-acyl S F-Fluorouracil H O-acyl CH3 O-acyl S S-Fluoroguanine H O-acyl CH3 O-acyl S S-Fluorocytosine H O-acyl CH3 O-acyl S 2-Fluoroadenine H O-acyl CH3 O-acyl S 2-Fluorohypoxanthine H O-acyl CH3 O-acyl S 2-Amino-8-fluoroadenine H O-acyl <td></td> <td></td> <td>S</td> <td></td> <td>Н</td> <td>O-acyl</td> | | | S | | Н | O-acyl |
| CH3 O-acyl S Adenine H O-acyl CH3 O-acyl S Hypoxanthine H O-acyl CH3 O-acyl S 5-Fluorouracil H O-acyl CH3 O-acyl S 8-Fluoroguanine H O-acyl CH3 O-acyl S 5-Fluorocytosine H O-acyl CH3 O-acyl S 8-Fluorodenine H O-acyl CH3 O-acyl S 2-Fluorodenine H O-acyl CH3 O-acyl S 2-Fluorohypoxanthine H O-acyl CH3 O-acyl S 2-Aminoadenine H O-acyl CH3 O-acyl S 2-Aminoadenine H | CH ₃ | O-acyl | S | Guanine | Н | O-acyl |
| CH3O-acylSHypoxanthineHO-acylCH3O-acylS5-FluorouracilHO-acylCH3O-acylS8-FluoroguanineHO-acylCH3O-acylS5-FluorocytosineHO-acylCH3O-acylS8-FluoroadenineHO-acylCH3O-acylS2-FluoroadenineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetylaenineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineH </td <td>CH₃</td> <td>O-acyl</td> <td>S</td> <td>Cytosine</td> <td>Н</td> <td>O-acyl</td> | CH ₃ | O-acyl | S | Cytosine | Н | O-acyl |
| CH ₃ O-acyl S 5-Fluorouracil H O-acyl CH ₃ O-acyl S 8-Fluoroguanine H O-acyl CH ₃ O-acyl S 5-Fluorocytosine H O-acyl CH ₃ O-acyl S 8-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluorohypoxanthine H O-acyl CH ₃ O-acyl S 8-Fluorohypoxanthine H O-acyl CH ₃ O-acyl S 2-Aminoadenine | CH ₃ | O-acyl | S | Adenine | Н | O-acyl |
| CH3O-acylS5-FluorouracilHO-acylCH3O-acylS8-FluoroguanineHO-acylCH3O-acylS5-FluorocytosineHO-acylCH3O-acylS8-FluoroadenineHO-acylCH3O-acylS2-FluoroadenineHO-acylCH3O-acylS2,8-DifluoroadenineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS8-FluorohypoxanthineHO-acylCH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetylaenineHO-acylCH3O-acylS6-N-acetylaenineHO-acylCH3O-acylS6-N-acetylaenineHO-acylCH3O-acylS6-N-acetylaeninoadenineHO-acylCH3O-acylS6-N-acetylaeninoadenineHO-acylCH3O-acylS6-N-acetylaeninoadenin | | O-acyl | S | Hypoxanthine | Н | O-acyl |
| CH ₃ O-acyl S 5-Fluorocytosine H O-acyl CH ₃ O-acyl S 8-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluoroadenine H O-acyl CH ₃ O-acyl S 2,8-Difluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,8-Difluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,4-Mino-8-fluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,4-Mino-8-fluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,4-Mino-8-fluorohypoxanthine H O-acyl CH | CH ₃ | | S | 5-Fluorouracil | Н | O-acyl |
| CH ₃ O-acyl S 8-Fluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluoroadenine H O-acyl CH ₃ O-acyl S 2,8-Difluoroadenine H O-acyl CH ₃ O-acyl S 2-Fluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,8-Difluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,8-Difluorohypoxanthine H O-acyl CH ₃ O-acyl S 2,-Aminoadenine H O-acyl CH ₃ O-acyl S 2,-Amino-8-fluoroadenine H O-acyl CH ₃ O-acyl S 2,-Amino-8-fluorohypoxanthine H O-acyl <td< td=""><td>CH₃</td><td>O-acyl</td><td>S</td><td>8-Fluoroguanine</td><td>Н</td><td>O-acyl</td></td<> | CH ₃ | O-acyl | S | 8-Fluoroguanine | Н | O-acyl |
| CH3O-acylS2-FluoroadenineHO-acylCH3O-acylS2,8-DifluoroadenineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS8-FluorohypoxanthineHO-acylCH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS4-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | | S | 5-Fluorocytosine | Н | O-acyl |
| CH3O-acylS2,8-DifluoroadenineHO-acylCH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS8-FluorohypoxanthineHO-acylCH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | S | 8-Fluoroadenine | Н | O-acyl |
| CH3O-acylS2-FluorohypoxanthineHO-acylCH3O-acylS8-FluorohypoxanthineHO-acylCH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | S | 2-Fluoroadenine | Н | O-acyl |
| CH3O-acylS8-FluorohypoxanthineHO-acylCH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Н | O-acyl |
| CH3O-acylS2,8-DifluorohypoxanthineHO-acylCH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CH3O-acylS2-AminoadenineHO-acylCH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | | | | |
| CH3O-acylS2-Amino-8-fluoroadenineHO-acylCH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | CH ₃ | O-acyl | | | | O-acyl |
| CH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | | | | | | |
| CH3O-acylS2-Amino-8-fluorohypoxanthineHO-acylCH3O-acylS2-AminohypoxanthineHO-acylCH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acyl | CH ₃ | O-acyl | | | Н | O-acyl |
| CH3O-acylS2-N-acetylguanineHO-acylCH3O-acylS4-N-acetylcytosineHO-acylCH3O-acylS6-N-acetyladenineHO-acylCH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | | O-acyl | | | | O-acyl |
| CH ₃ O-acyl S 4-N-acetylcytosine H O-acyl CH ₃ O-acyl S 6-N-acetyladenine H O-acyl CH ₃ O-acyl S 2-N-acetyl-8-fluoroguanine H O-acyl CH ₃ O-acyl S 4-N-acetyl-5-fluorocytosine H O-acyl CH ₃ O-acyl S 6-N-acetyl-2-fluoroadenine H O-acyl CH ₃ O-acyl S 6-N-acetyl-2,8-difluoroadenine H O-acyl CH ₃ O-acyl S 6-N-acetyl-2-aminoadenine H O-acyl CH ₃ O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl | CH ₃ | O-acyl | | | Н | O-acyl |
| CH3 O-acyl S 6-N-acetyladenine H O-acyl CH3 O-acyl S 2-N-acetyl-8-fluoroguanine H O-acyl CH3 O-acyl S 4-N-acetyl-5-fluorocytosine H O-acyl CH3 O-acyl S 6-N-acetyl-2-fluoroadenine H O-acyl CH3 O-acyl S 6-N-acetyl-2,8-difluoroadenine H O-acyl CH3 O-acyl S 6-N-acetyl-2-aminoadenine H O-acyl CH3 O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl | CH ₃ | O-acyl | | 2-N-acetylguanine | | O-acyl |
| CH3O-acylS2-N-acetyl-8-fluoroguanineHO-acylCH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | CH ₃ | O-acyl | | 4-N-acetylcytosine | Н | O-acyl |
| CH3O-acylS4-N-acetyl-5-fluorocytosineHO-acylCH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | CH ₃ | O-acyl | | 6-N-acetyladenine | Н | O-acyl |
| CH3O-acylS6-N-acetyl-2-fluoroadenineHO-acylCH3O-acylS6-N-acetyl-2,8-difluoroadenineHO-acylCH3O-acylS6-N-acetyl-2-aminoadenineHO-acylCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineHO-acyl | CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | CH ₃ | O-acyl | S | | Н | O-acyl |
| CH3 O-acyl S 6-N-acetyl-2,8-difluoroadenine H O-acyl CH3 O-acyl S 6-N-acetyl-2-aminoadenine H O-acyl CH3 O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl | | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CH ₃ O-acyl S 6-N-acetyl-2-aminoadenine H O-acyl CH ₃ O-acyl S 6-N-acetyl-2-amino-8-fluoroadenine H O-acyl | | | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| | CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| | CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-acyl |
| | CH ₃ | | S | 2-N-acetylaminoadenine | Н | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Н | O-acyl . |
| CH ₃ | OH | S | Thymine | Н | O-acyl |
| CH ₃ | ОН | S | Uracil | Н | O-acyl |
| CH ₃ | OH | S | Guanine | Н | O-acyl |
| CH ₃ | ОН | S | Cytosine | Н | O-acyl |
| CH ₃ | ОН | S | Adenine | Н | O-acyl |
| CH ₃ | ОН | S | Hypoxanthine | Н | O-acyl |
| CH ₃ | ОН | S | 5-Fluorouracil | Н | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroguanine | Н | O-acyl |
| CH ₃ | ОН | S | 5-Fluorocytosine | Н | O-acyl |
| CH ₃ | ОН | S | 8-Fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-Fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | S | 8-Fluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | S | 2-Aminoadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Н . | O-acyl |
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Н | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylguanine | Н | O-acyl |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Н | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyladenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Н | O-acyl |
| CH ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Н | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Н | O-acyl |
| CH ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | H | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | H | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Н | O-acyl |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | O-acyl |
| CH ₃ | | S | 2-N-acetylaminohypoxanthine | H | O-acyl |
| CH ₃ | Н | S | Thymine | OH | O-acyl |
| | Н | S | Uracil | OH | O-acyl |
| CH ₃ | Н | S | Guanine | OH | O-acyl |
| CH ₃ | Н | S | Cytosine | ОН | O-acyl |
| CH ₃ | Н | S | Adenine | OH | O-acyl |
| CH ₃ | Н | S | Hypoxanthine | OH | O-acyl |
| CH ₃ | H | S | 5-Fluorouracil | OH | O-acyl |
| CH ₃ | Н | S | 8-Fluoroguanine | OH | O-acyl |
| CH ₃ | Н | S | 5-Fluorocytosine | OH | O-acyl |
| CH ₃ | Н | S | 8-Fluoroadenine | OH | O-acyl |
| | Н | S | 2-Fluoroadenine | ОН | O-acyl |
| CH ₃ | Н | S | 2,8-Difluoroadenine | ОН | O-acyl |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | S | 2-Fluorohypoxanthine | OH | O-acyl |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | ОН | O-acyl |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | OH | O-acyl |
| | Н | S | 2-Aminoadenine | ОН | O-acyl |
| | Н | S | 2-Amino-8-fluoroadenine | ОН | O-acyl |
| | Н | S | 2-Amino-8-fluorohypoxanthine | OH | O-acyl |
| | Н | S | 2-Aminohypoxanthine | ОН | O-acyl |
| CH ₃ | Н | S | 2-N-acetylguanine | OH | O-acyl |
| | Н | S | 4-N-acetylcytosine | ОН | O-acyl |
| | Н | S | 6-N-acetyladenine | ОН | O-acyl |
| _ | Н | S | 2-N-acetyl-8-fluoroguanine | ОН | O-acyl |
| | ·H | S | 4-N-acetyl-5-fluorocytosine | ОН | O-acyl |
| | Н | S | 6-N-acetyl-2-fluoroadenine | ОН | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | ОН | O-acyl |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | ОН | O-acyl |
| | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | OH | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | ОН | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | ОН | O-acyl |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-acyl |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | OH | O-acyl |
| CH ₃ | Н | S | Thymine | F | O-amino acid |
| CH ₃ | Н | S | Uracil | F | O-amino acid |
| CH ₃ | Н | S | Guanine | F | O-amino acid |
| CH ₃ | Н | S | Cytosine | F | O-amino acid |
| CH ₃ | H | S | Adenine | F | O-amino acid |
| CH ₃ | Н | S | Hypoxanthine | F | O-amino acid |
| CH ₃ | Н | S | 5-Fluorouracil | F | O-amino acid |
| | Н | S | 8-Fluoroguanine | F | O-amino acid |
| | Н | S | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | H | S | 8-Fluoroadenine | F | O-amino acid |
| | H | S | 2-Fluoroadenine | F | O-amino acid |
| | H | S | 2,8-Difluoroadenine | F | O-amino acid |
| | Н | S | 2-Fluorohypoxanthine | F | O-amino acid |
| | Н | S | 8-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | H | S | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CH ₃ | | S | 2-Aminoadenine | F | O-amino acid |
| CH ₃ | | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| | H | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| | H | S | 2-Aminohypoxanthine | F | O-amino acid |
| | Н | S | 2-N-acetylguanine | F | O-amino acid |
| | Н | S | 4-N-acetylcytosine | F | O-amino acid |
| | Н | S | 6-N-acetyladenine | F | O-amino acid |
| | Н | S | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| | H | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| | H | S | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| | Н | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|----------------|--------------|
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | Thymine | F | O-amino acid |
| CH ₃ | O-amino acid | S | Uracil | F | O-amino acid |
| CH ₃ | O-amino acid | S | Guanine | F | O-amino acid |
| CH ₃ | O-amino acid | S | Cytosine | F | O-amino acid |
| CH ₃ | O-amino acid | S | Adenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | Hypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | F | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F . | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | S | Thymine | F | O-amino acid |
| CH ₃ | O-acyl | S | Uracil | F | O-amino acid |
| CH ₃ | O-acyl | S | Guanine | F | O-amino acid |
| CH ₃ | O-acyl | S | Cytosine | F | O-amino acid |
| CH ₃ | O-acyl | S | Adenine | F | O-amino acid |
| CH ₃ | O-acyl | S | Hypoxanthine | F | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorouracil | F | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | F | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | F | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | F | O-amino acid |

| CH3O-acylS2,8-DifluoroadenineFO-amCH3O-acylS2-FluorohypoxanthineFO-amCH3O-acylS8-FluorohypoxanthineFO-amCH3O-acylS2,8-DifluorohypoxanthineFO-amCH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetyleytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS4-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-ace | ino acid |
|---|--|
| CH3O-acylS2-FluorohypoxanthineFO-amCH3O-acylS8-FluorohypoxanthineFO-amCH3O-acylS2,8-DifluorohypoxanthineFO-amCH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-8-fluorogytosineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3OHSThymineFO-am <td>ino acid ino acid</td> | ino acid |
| CH3O-acylS8-FluorohypoxanthineFO-amCH3O-acylS2,8-DifluorohypoxanthineFO-amCH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS2-N-acetyl-8-fluorocytosineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3OHS | ino acid |
| CH3O-acylS8-FluorohypoxanthineFO-amCH3O-acylS2,8-DifluorohypoxanthineFO-amCH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-amCH3< | ino acid |
| CH3O-acylS2,8-DifluorohypoxanthineFO-amCH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS6-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-am | ino acid |
| CH3O-acylS2-AminoadenineFO-amCH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-Amino-8-fluorohypoxanthineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-Amino-8-fluoroadenineFO-amCH3O-acylS2-Amino-8-fluorohypoxanthineFO-amCH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2-gluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-Amino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid ino acid ino acid ino acid ino acid ino acid |
| CH3O-acylS2-AminohypoxanthineFO-amCH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid ino acid ino acid ino acid ino acid |
| CH3O-acylS2-N-acetylguanineFO-amCH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid ino acid ino acid ino acid |
| CH3O-acylS4-N-acetylcytosineFO-amCH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid ino acid ino acid |
| CH3O-acylS6-N-acetyladenineFO-amCH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid ino acid |
| CH3O-acylS2-N-acetyl-8-fluoroguanineFO-amCH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS4-N-acetyl-5-fluorocytosineFO-amCH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | |
| CH3O-acylS6-N-acetyl-2-fluoroadenineFO-amCH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | |
| CH3O-acylS6-N-acetyl-2,8-difluoroadenineFO-amCH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid i |
| CH3O-acylS6-N-acetyl-2-aminoadenineFO-amCH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS6-N-acetyl-2-amino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-N-acetylaminoadenineFO-amCH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-N-acetylamino-8-fluoroadenineFO-amCH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-N-acetylamino-8-fluorohypoxanthineFO-amCH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3O-acylS2-N-acetylaminohypoxanthineFO-amCH3OHSThymineFO-amCH3OHSUracilFO-am | ino acid |
| CH3 OH S Thymine F O-am CH3 OH S Uracil F O-am | ino acid |
| CH ₃ OH S Uracil F O-am | ino acid |
| | ino acid |
| CH ₃ OH S Guanine F O-am | ino acid |
| | ino acid |
| CH ₃ OH S Adenine F O-am | ino acid |
| CH ₃ OH S Hypoxanthine F O-am | ino acid |
| CH ₃ OH S 5-Fluorouracil F O-am | ino acid |
| CH ₃ OH S 8-Fluoroguanine F O-am | ino acid |
| CH ₃ OH S 5-Fluorocytosine F O-am | ino acid |
| T | ino acid |
| CH ₃ OH S 2-Fluoroadenine F O-am | ino acid |
| | ino acid |
| CH ₃ OH S 2-Fluorohypoxanthine F O-am | ino acid |
| CH ₃ OH S 8-Fluorohypoxanthine F O-am | ino acid |
| | ino acid |
| | ino acid |
| | ino acid |
| CH ₃ OH S 2-Amino-8-fluorohypoxanthine F O-am | ino acid |
| CH ₃ OH S 2-Aminohypoxanthine F O-am | ino acid |
| CH ₃ OH S 2-N-acetylguanine F O-am | ino acid |
| CH ₃ OH S 4-N-acetylcytosine F O-am | ino acid |
| | ino acid |
| | ino acid |
| | |
| CH ₃ OH S 6-N-acetyl-2-fluoroadenine F O-am | ino acid |

| R ⁶ | R^7 | X | Base | R ⁸ | R ⁹ |
|-----------------|--------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | F | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | F | O-amino acid |
| CH ₃ | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | F | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | F | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | F | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | F | O-amino acid |
| CH ₃ | Н | S | Thymine | Br | O-amino acid |
| CH ₃ | Н | S | Uracil | Br | O-amino acid |
| CH ₃ | Н | S | Guanine | Br | O-amino acid |
| CH ₃ | Н | S | Cytosine | Br | O-amino acid |
| CH ₃ | Н | S | Adenine | Br | O-amino acid |
| CH ₃ | Н | S | Hypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | Н | S | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | Н | S | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | Н | S | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | H | S | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH ₃ | H | S | 2-Aminoadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylguanine | Br | O-amino acid |
| CH ₃ | Н | S | 4-N-acetylcytosine | Br | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyladenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CH ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | H | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Thymine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Uracil | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Guanine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Cytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Adenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | Hypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|----------------|--------------|
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | Thymine | Br | O-amino acid |
| CH ₃ | O-acyl | S | Uracil | Br | O-amino acid |
| CH ₃ | O-acyl | S | Guanine | Br | O-amino acid |
| CH ₃ | O-acyl | S | Cytosine | Br | O-amino acid |
| CH ₃ | O-acyl | S | Adenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | Hypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminoadenine | Br | O-amino acid |
| | O-acyl | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | Thymine | Br | O-amino acid |
| CH ₃ | ОН | S | Uracil | Br | O-amino acid |
| CH ₃ | ОН | S | Guanine | Br | O-amino acid |
| CH ₃ | ОН | S | Cytosine | Br | O-amino acid |
| CH ₃ | ОН | S | Adenine | Br | O-amino acid |
| CH ₃ | ОН | S | Hypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorouracil | Br | O-amino acid |
| CH ₃ | OH | S | 8-Fluoroguanine | Br | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorocytosine | Br | O-amino acid |
| CH ₃ | ОН | S | 8-Fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | OH | S | 8-Fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Aminoadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylguanine | Br | O-amino acid |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Br | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyladenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Br | O-amino acid |
| CH ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Br | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylaminoadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Br | O-amino acid |
| CH ₃ | Н | S | Thymine | Cl | O-amino acid |
| CH ₃ | Н | s | Uracil | Cl | O-amino acid |
| CH ₃ | H | S | Guanine | Cl | O-amino acid |
| CH ₃ | H | S | Cytosine | Cl | O-amino acid |
| CH ₃ | H | S | Adenine | Cl | O-amino acid |
| CH ₃ | Н | S | Hypoxanthine | Cl | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|-----|--------------------------------------|----------------|----------------|
| CH ₃ | Н | S | 5-Fluorouracil | Cl | O-amino acid |
| CH ₃ | Н | S | 8-Fluoroguanine | Cl | O-amino acid |
| CH ₃ | Н | S | 5-Fluorocytosine | Cl | O-amino acid |
| CH ₃ | Н | S | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluoroadenine | Ci | O-amino acid |
| CH ₃ | H | S | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | H | S | 2,8-Difluorohypoxanthine | CI | O-amino acid |
| CH ₃ | H | S | 2-Aminoadenine | Cl | O-amino acid |
| CH ₃ | H | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| | Н | S | 2-Amino-8-fluorohypoxanthine | CI | O-amino acid |
| | Н | S | 2-Aminohypoxanthine | CI | O-amino acid |
| CH ₃ | | S | 2-N-acetylguanine | CI | O-amino acid |
| CH ₃ | Н | S | 4-N-acetylcytosine | CI | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyladenine | CI | O-amino acid |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | Н | S | 4-N-acetyl-5-fluorocytosine | CI | O-amino acid |
| CH ₃ | H | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | H | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CH ₃ | H | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | Thymine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | Uracil | CI | O-amino acid |
| | O-amino acid | S | Guanine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | Cytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | Adenine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | Hypoxanthine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Cl | O-amino acid |
| | O-amino acid | | 5-Fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Cl | O-amino acid |
| | | لىت | | <u> </u> | |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | CI | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Thymine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Uracil | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Guanine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Cytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Adenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | Hypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | CI | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | CI. | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminoadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | Thymine | Cl | O-amino acid |
| CH ₃ | ОН | S | Uracil | Cl | O-amino acid |
| CH ₃ | ОН | S | Guanine | Cl | O-amino acid |
| CH ₃ | OH | S | Cytosine | Cl | O-amino acid |

| \mathbb{R}^6 | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | Adenine | Cl | O-amino acid |
| CH ₃ | ОН | S | Hypoxanthine | CI | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorouracil | Cl | O-amino acid |
| CH ₃ | ОН | S | 8-Fluoroguanine | CI | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorocytosine | Cl | O-amino acid |
| CH ₃ | ОН | S | 8-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 8-Fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Aminoadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylguanine | Cl | O-amino acid |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Cl | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyladenine | CI | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Cl | O-amino acid |
| CH ₃ | ОН | S | 4-N-acetyl-5-fluorocytosine | Cl | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-fluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | OH | S | 2-N-acetylaminoadenine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluoroadenine | Cl | O-amino acid |
| CH ₃ | OH | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylaminohypoxanthine | Cl | O-amino acid |
| CH ₃ | Н | S | Thymine | Н | O-amino acid |
| CH ₃ | H | S | Uracil | Н | O-amino acid |
| CH ₃ | H | S | Guanine | Н | O-amino acid |
| CH ₃ | Н | S | Cytosine | Н | O-amino acid |
| CH ₃ | H | S | Adenine | Н | O-amino acid |
| CH ₃ | Н | S | Hypoxanthine | Н | O-amino acid |
| CH ₃ | H | S | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | H | S | 8-Fluoroguanine | H | O-amino acid |
| CH ₃ | H | S | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | H | S | 8-Fluoroadenine | Н | O-amino acid |
| CH ₃ | H | S | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | H | S | 2,8-Difluoroadenine | H | O-amino acid |
| CH ₃ | H | S | 2-Fluorohypoxanthine | H | O-amino acid |
| CH ₃ | H | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | H | O-amino acid |
| CH ₃ | H | S | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | H | S | 2-Amino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | H | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | Н | S | 2-Aminohypoxanthine | Н | O-amino acid |

| R ⁶ | R | X | Base | R ⁸ | R ⁹ |
|-----------------|--------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | Н | S | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | Н | S | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | H | S | 6-N-acetyladenine | Н | O-amino acid |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | H | S | 4-N-acetyl-5-fluorocytosine | H | O-amino acid |
| CH ₃ | H | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | H | O-amino acid |
| CH ₃ | H | S | 6-N-acetyl-2-aminoadenine | H | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-amino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | H | S | 2-N-acetylaminoadenine | H | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | H | S | 2-N-acetylamino-8-fluorohypoxanthine | H | O-amino acid |
| CH ₃ | H | S | 2-N-acetylaminohypoxanthine | H | O-amino acid |
| CH ₃ | O-amino acid | S | Thymine | H | O-amino acid |
| CH ₃ | O-amino acid | S | Uracil | H | O-amino acid |
| CH ₃ | O-amino acid | S | Guanine | H | O-amino acid |
| CH ₃ | O-amino acid | S | Cytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | Adenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | Hypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | H | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | H | O-amino acid |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | Š | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | H | O-amino acid |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | Thymine | H | O-amino acid |
| CH ₃ | O-acyl | S | Uracil | H | O-amino acid |
| ~ | | | | | C uniting acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | Guanine | Н | O-amino acid |
| CH ₃ | O-acyl | S | Cytosine | Н | O-amino acid |
| CH ₃ | O-acyl | S | Adenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | Hypoxanthine. | H | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | H | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | H | O-amino acid |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | OH | S | Thymine | Н | O-amino acid |
| CH ₃ | OH | S | Uracil | Н | O-amino acid |
| CH ₃ | ОН | S | Guanine | H | O-amino acid |
| CH ₃ | ОН | S | Cytosine | Н | O-amino acid |
| CH ₃ | | S | Adenine | Н | O-amino acid |
| CH ₃ | OH | S | Hypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorouracil | Н | O-amino acid |
| CH ₃ | ОН | S | 8-Fluoroguanine | H | O-amino acid |
| CH ₃ | ОН | S | 5-Fluorocytosine | Н | O-amino acid |
| CH ₃ | ОН | S | 8-Fluoroadenine | H | O-amino acid |
| CH ₃ | ОН | S | 2-Fluoroadenine | Н | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluoroadenine | H | O-amino acid |
| CH ₃ | ОН | S | 2-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 8-Fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 2,8-Difluorohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-Aminoadenine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-Amino-8-fluoroadenine | Н | O-amino acid |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | ОН | S | 2-Amino-8-fluorohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-Aminohypoxanthine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylguanine | Н | O-amino acid |
| CH ₃ | ОН | S | 4-N-acetylcytosine | Н | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyladenine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetyl-8-fluoroguanine | Н | O-amino acid |
| CH ₃ | OH | S | 4-N-acetyl-5-fluorocytosine | Н | O-amino acid |
| CH ₃ | OH | S | 6-N-acetyl-2-fluoroadenine | H | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2,8-difluoroadenine | Н | O-amino acid |
| CH ₃ | ОН | S | 6-N-acetyl-2-aminoadenine | Н | O-amino acid |
| CH ₃ | OH | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | OH | S | 2-N-acetylaminoadenine | Н | O-amino acid |
| CH ₃ | OH | S | 2-N-acetylamino-8-fluoroadenine | Н | O-amino acid |
| CH ₃ | ОН | S | 2-N-acetylamino-8-fluorohypoxanthine | H | O-amino acid |
| CH ₃ | OH | S | 2-N-acetylaminohypoxanthine | Н | O-amino acid |
| CH ₃ | Н | S | Thymine | ОН | O-amino acid |
| CH ₃ | Н | S | Uracil | ОН | O-amino acid |
| CH ₃ | Н | S | Guanine | OH | O-amino acid |
| CH ₃ | Н | S | Cytosine | ОН | O-amino acid |
| CH ₃ | Н | S | Adenine | ОН | O-amino acid |
| CH ₃ | Н | S | Hypoxanthine | ОН | O-amino acid |
| CH ₃ | Н | S | 5-Fluorouracil | ОН | O-amino acid |
| CH ₃ | Н | S | 8-Fluoroguanine | ОН | O-amino acid |
| CH ₃ | Н | S | 5-Fluorocytosine | ОН | O-amino acid |
| CH₃ | Н | S | 8-Fluoroadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2-Fluoroadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluoroadenine | ОН | O-amino acid |
| CH ₃ | Н | S | 2-Fluorohypoxanthine | OH | O-amino acid |
| CH ₃ | Н | S | 8-Fluorohypoxanthine | OH | O-amino acid |
| CH ₃ | Н | S | 2,8-Difluorohypoxanthine | OH | O-amino acid |
| CH ₃ | Н | S | 2-Aminoadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2-Amino-8-fluoroadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2-Amino-8-fluorohypoxanthine | OH | O-amino acid |
| CH ₃ | H | S | 2-Aminohypoxanthine | ОН | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylguanine | OH | O-amino acid |
| CH ₃ | Н | S | 4-N-acetylcytosine | ОН | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyladenine | ОН | O-amino acid |
| CH ₃ | Н | S | 2-N-acetyl-8-fluoroguanine | OH | O-amino acid |
| CH ₃ | H | S | 4-N-acetyl-5-fluorocytosine | OH | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-fluoroadenine | ОН | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2,8-difluoroadenine | ОН | O-amino acid |
| CH ₃ | Н | S | 6-N-acetyl-2-aminoadenine | ОН | O-amino acid |
| CH₃ | H | S | 6-N-acetyl-2-amino-8-fluoroadenine | OH | O-amino acid |
| CH ₃ | H | S | 2-N-acetylaminoadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluoroadenine | OH | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylamino-8-fluorohypoxanthine | ОН | O-amino acid |
| CH ₃ | Н | S | 2-N-acetylaminohypoxanthine | ОН | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | S | Thymine | F | OH |
| CH ₃ | O-amino acid | S | Uracil | F | ОН |
| CH ₃ | O-amino acid | S | Guanine | F | ОН |
| CH ₃ | O-amino acid | S | Cytosine | F | OH |
| CH ₃ | O-amino acid | S | Adenine | F | ОН |
| CH ₃ | O-amino acid | S | Hypoxanthine | F | OH |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | F | ОН |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | F | ОН |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | F | ОН |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | F | OH |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | F | OH |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | S· | 2-Aminohypoxanthine | F | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | F | ОН |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | F | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | F | OH |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | F | ОН |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | F | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | F | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | F | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | F | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | F | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | F | OH |
| CH ₃ | O-acyl | S | Thymine | F | OH |
| | O-acyl | S | Uracil | F | ОН |
| CH ₃ | O-acyl | S | Guanine | F | OH |
| CH ₃ | O-acyl | S | Cytosine | F | ОН |
| CH ₃ | O-acyl | S | Adenine | F | ОН |
| | O-acyl | S | Hypoxanthine | F | ОН |
| | O-acyl | S | 5-Fluorouracil | F | ОН |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | F | ОН |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | F | ОН |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | F | ОН |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | F | OH |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | F | ОН |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | F | ОН |

| R ⁶ | R ⁷ | X | Base | R | R ⁹ |
|-----------------|----------------|---|--------------------------------------|------|----------------|
| CH ₃ | O-acyl | S | 2-Aminoadenine | F | ОН |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | F | OH |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | F | ОН |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | F | OH |
| | O-acyl | S | 2-N-acetylguanine | F | ОН |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | F | OH |
| | O-acyl | S | 6-N-acetyladenine | F | OH |
| | O-acyl | S | 2-N-acetyl-8-fluoroguanine | F | OH |
| | O-acyl | S | 4-N-acetyl-5-fluorocytosine | F | OH |
| | O-acyl | S | 6-N-acetyl-2-fluoroadenine | F | OH |
| | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | F | OH |
| | O-acyl | S | 6-N-acetyl-2-aminoadenine | F | OH |
| | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | F | OH |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | F | ОН |
| | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | F | OH |
| | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | F | OH |
| | O-acyl | S | 2-N-acetylaminohypoxanthine | F | OH |
| | O-amino acid | S | Thymine | Br | OH |
| | O-amino acid | S | Uracil | Br | ОН |
| | O-amino acid | S | Guanine | Br | OH |
| | O-amino acid | S | Cytosine | Br | ОН |
| | O-amino acid | S | Adenine | Br | ОН |
| | O-amino acid | S | Hypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | Br | ОН |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Br | ОН |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Br | OH |
| | O-amino acid | S | 8-Fluoroadenine | Br | OH |
| | O-amino acid | S | 2-Fluoroadenine | Br | OH |
| | O-amino acid | S | 2,8-Difluoroadenine | Br | OH |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | Br | ОН |
| | O-amino acid | S | 2-Amino-8-fluoroadenine | Br | OH |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Br | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | Br | ОН |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Br | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Br | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Br | OH |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Br | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Br . | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Br | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Br | ОН |
| | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Br | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|---------------------|---|---|----------------|----------------|
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | S | Thymine | Br | ОН |
| CH ₃ | O-acyl | S | Uracil | Br | ОН |
| CH ₃ | O-acyl | S | Guanine | Br | OH |
| CH ₃ | O-acyl | S | Cytosine | Br | OH |
| CH ₃ | O-acyl | S | Adenine | Br | OH |
| CH ₃ | O-acyl | S | Hypoxanthine | Br | OH |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Br | OH |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Br | ОН |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Br | OH |
| CH ₃ | | S | 8-Fluoroadenine | Br | OH |
| | O-acyl O-acyl | S | 2-Fluoroadenine | Br | ОН |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Br | ОН |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | Br | OH |
| CH ₃ | | S | 2,8-Difluorohypoxanthine | Br | OH |
| CH ₃ | O-acyl | S | 2-Aminoadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-Animoadenne 2-Amino-8-fluoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Br | OH |
| CH ₃ | O-acyl | S | 2-Amino-s-indolonypoxantime 2-Aminohypoxanthine | Br | OH |
| CH ₃ | O-acyl | S | 2-Anmionypoxantime 2-N-acetylguanine | Br | OH |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Br | OH |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Br | OH |
| CH ₃ | O-acyl | S | | Br | OH |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine 4-N-acetyl-5-fluorocytosine | Br | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-ndoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | Br | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine 2-N-acetylamino-8-fluoroadenine | Br | OH |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Br | OH |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-huoronypoxantnine 2-N-acetylaminohypoxanthine | Br | OH |
| CH ₃ | O-acyl O-amino acid | | Thymine | Cl | ОН |
| CH ₃ | | S | Uracil | Cl | OH |
| CH ₃ | O-amino acid | S | Guanine | Cl | OH |
| CH ₃ | O-amino acid | S | Cytosine | Cl | OH |
| CH ₃ | O-amino acid | S | Adenine | CI | OH |
| CH ₃ | O-amino acid | | | Cl | OH |
| CH ₃ | O-amino acid | S | Hypoxanthine | Cl | |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | | OH |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Cl | OH |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Cl | OH |
| CH₃ | O-amino acid | S | 8-Fluoroadenine | Cl | OH |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Cl | OH |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Cl | OH |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Cl | ОН |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|---------------------------------------|----------------|----------------|
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | s | 2,8-Difluorohypoxanthine | CI | OH |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | CI | OH |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | CI | OH |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | CI | OH |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | CI | OH |
| CH ₃ | O-amino acid | s | 2-N-acetylguanine | CI | OH |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | CI | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Ci | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Cl | ОН |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | Cl | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | CI | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Cl | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | CI | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Cl | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Cl | OH |
| CH ₃ | O-acyl | S | Thymine | Cl | ОН |
| CH ₃ | O-acyl | S | Uracil | Cl | ОН |
| CH ₃ | O-acyl | S | Guanine | Cl | OH |
| CH ₃ | O-acyl | S | Cytosine | Cl | ОН |
| CH ₃ | O-acyl | S | Adenine | Cl | ОН |
| CH ₃ | O-acyl | S | Hypoxanthine | Cl | OH |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Cl | OH |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Cl | OH |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Cl | ОН |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Cl | OH |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Cl | OH |
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Cl | ОН |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Cl | OH |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | Cl | OH |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | CI | OH |
| CH ₃ | O-acyl | | 2-Aminoadenine | CI | ОН |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | Cl | OH |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | CI | OH |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | CI | OH |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | CI | OH |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Cl | OH |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Cl | OH |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Cl | OH |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Cl | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | CI | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | CI | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | CI | OH |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | CI | OH |
| C113 | U-a031 | _5 | 5 14 Locty 1-2-Limito-6-Huoroadelille | | V11 |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Cl | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Cl | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Cl | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | CI | ОН |
| CH ₃ | O-amino acid | S | Thymine | Н | ОН |
| CH ₃ | O-amino acid | S | Uracil | Н | ОН |
| CH ₃ | O-amino acid | S | Guanine | Н | OH |
| CH ₃ | O-amino acid | S | Cytosine | Н | ОН |
| CH ₃ | O-amino acid | S | Adenine | Н | ОН |
| CH ₃ | O-amino acid | S | Hypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | Н | ОН |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | Н | ОН |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | Н | ОН |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | H | ОН |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | Н | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | Н | OH |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | Н | OH |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | H | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | Н | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | Н | OH |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | Н | ОН |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | Н | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | OH |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | Thymine | Н | ОН |
| CH ₃ | O-acyl | S | Uracil | Н | ОН |
| CH ₃ | O-acyl | S | Guanine | Н | ОН |
| CH ₃ | O-acyl | S | Cytosine | Н | OH |
| CH ₃ | O-acyl | S | Adenine | Н | ОН |
| CH₃ | O-acyl | S | Hypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | 5-Fluorouracil | Н | OH |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | Н | OH |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | Н | ОН |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | Н | OH |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | Н | OH |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----|--------------------------------------|----------------|--|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | Н | ОН |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | Н | ОН |
| CH₃ | O-acyl | S | 8-Fluorohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | s | 2-Aminoadenine | Н | OH |
| CH ₃ | O-acyl | ·S | 2-Amino-8-fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | Н | ОН |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | Н | ОН |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | Н | ОН |
| | O-acyl | S | 2-N-acetyl-8-fluoroguanine | Н | ОН |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | Н | ОН |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | Н | ОН |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | H | ОН |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | Н | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | Н | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | Н | OH |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | Н | ОН |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | Н | H |
| CH ₃ | O-amino acid | S | Thymine | O-amino | H |
| - | | | | acid | |
| CH ₃ | O-amino acid | S | Uracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Guanine | O-amino | Н |
| | | | · | acid | |
| CH ₃ | O-amino acid | S | Cytosine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Adenine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Hypoxanthine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| <u></u> | | _ | 0.71 | acid | |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | H |
| | | | 6.70 | acid | 7,7 |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | | _ | | acid | 7.7 |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | 0 | _ | 2 Fluores denis | acid | T T |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| <u> </u> | | - | 2 0 Diffusered! | acid | 77 |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| | 0 | _ | 2 Fluorehamayorthing | acid | 17 |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| - | 0 | - | 0 Fluorehamayarthia | acid | |
| CH₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|-----|--------------------------------------|-----------------|----------------|
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | H . |
| - | | | • | acid | |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| | | · | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | H |
| | | ļ | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | H |
| | | L | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| | | _ | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| OTT | | | () | acid | 7.7 |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| CIT | O-amino acid | S | 6 N acetal 2 amin addanina | acid O-amino | H |
| CH ₃ | O-amino acid | 3 | 6-N-acetyl-2-aminoadenine | acid | n |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| СПЗ | O-amino acid | ا ا | 0-14-acetyl-2-ammo-8-mdoroadenme | acid | l n |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| C113 | O-annio acid | | 2-17-acctylaininoaddinio | acid | ** |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | | | , | acid | , |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | Н |
| | | | - ' | acid | |
| CH ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CH ₃ | O-acyl | S | Uracil | O-acyl | H |
| CH ₃ | O-acyl | S | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CH ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | H |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|---|-----------------|----------------|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl : | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | H |
| CH ₃ | | S | 6-N-acetyl-2-ndoroadenine | | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl O-acyl | Н |
| | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | H |
| CH₃ | O-acyl | S | 2-N-acetylammoadenme 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | | | O-acyl | |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | H |
| CH ₃ | O-amino acid | S | Thymine | O-amino | Н |
| 077 | | | 77 - 1 | acid | |
| CH ₃ | O-amino acid | S | Uracil | O-amino | Н |
| OII | O-amino acid | S | Guanine | acid O-amino | H |
| CH ₃ | O-amino acid |) 3 | Guanine | | l II |
| OII | O-amino acid | <u> </u> | Catalina | acid O-amino | Н |
| CH ₃ | O-amino acid | S | Cytosine | | H |
| CII | O-amino acid | S | Adenine | acid O-amino | Н |
| CH ₃ | O-amino acid |) | Adenine | o-amino acid | H |
| CU | O-amino acid | s | Hypoxanthine | O-amino | H |
| CH ₃ | O-amino acid | 3 | Hypoxantnine | | 11 |
| CII | O amina naid | S | 5-Fluorouracil | acid O-amino | H |
| CH ₃ | O-amino acid | 3 | J-r luorouracii | | n |
| CII | O amir:- | - | 9 Elugraguerina | acid | 11 |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | H |
| 017 | 0 | _ | 6 Phonostoria | acid | 77 |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| 011 | | | 0 Fl | acid | 7.7 |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | <u> </u> | 0.71 | acid | |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| <u> </u> | | <u> </u> | 0.000 | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | H |
| | | | 0.71 | acid | |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| | <u> </u> | | | acid | |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|-----------------|-----------------|
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | 1 |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | <u> </u> | | acid | |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| - | | | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | Н |
| CII | 0 | <u> </u> | 2 N sector 9 florescension | acid O-amino | 11 |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | o-amino acid | Н |
| CU | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | H |
| CH ₃ | O-amino acid | 3 | 4-in-acetyi-5-iluorocytosine | acid | ļ ^{ra} |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| CH3 | O-animo acid | 3 | 0-14-acetyl-2-muoroauchine | acid | ** |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| C113 | O-annio acia | ١ | 0-14-acctyr-2,0-amacioadcimic | acid | ** |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| 0115 | 0 | | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | • | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | H |
| | | | | acid | 1 |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-acyl | S | Thymine | O-acyl | H |
| CH ₃ | O-acyl | S | Uracil | O-acyl | H |
| CH ₃ | O-acyl | S | Guanine | O-acyi | H |
| CH ₃ | O-acyl | S | Cytosine | O-acyl | H |
| CH ₃ | O-acyl | S | Adenine | O-acyl | H |
| CH ₃ | O-acyl | S | Hypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | H |
| CH ₃ | | S | 8-Fluoroguanine | O-acyl | H |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|------------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | S | Thymine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Uracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Guanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Cytosine | O-amino | Н |
| | | | | acid | : |
| CH ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | Н |
| | | | | acid | |
| CH₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | H |
| | | | C. Pil | acid | |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | 0 | | 0 Fl | acid | 77 |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | | 2 Fl | acid | 77 |
| CH₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| CII | O amis = = = : 1 | - | 2.8 Diffuseredoning | acid | 77 |
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| CIT | O amino acid | _ | 2 Elugahymayarthina | acid | 17 |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| CII | O amira asid | S | 9 Fluorohymovanthing | acid | u |
| CH ₃ | O-amino acid | ა | 8-Fluorohypoxanthine | O-amino | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|----------|--------------------------------------|-----------------|----------------|
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | 77 |
| CH₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | Н |
| CII | O amina asid | S | 6 N costyledonine | acid O-amino | H |
| CH ₃ | O-amino acid | 3 | 6-N-acetyladenine | o-amino acid | - |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | Н |
| Cn3 | O-amino acid | ٦ | 2-14-acctyr-8-11dologuainnic | acid | ** |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | Н |
| C113 | O-amino acid | " | 4-14-acctyl-3-11uolocytosine | acid | ** |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| (11) | | | o iv docty: 2 ildoroddollillo | acid | ** |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | Н |
| , | | | , c c | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | Н |
| | | ļ | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | Н |
| L | | <u> </u> | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | H |
| - | | | | acid | 77 |
| CH ₃ | O-acyl | S | Thymine | O-acyl | H |
| CH ₃ | O-acyl | S | Uracil | O-acyl | H |
| CH ₃ | O-acyl | S | Guanine | O-acyl | H • |
| CH ₃ | O-acyl | S | Cytosine | O-acyl | H |
| CH ₃ | O-acyl | S | Adenine | O-acyl | H |
| CH ₃ | O-acyl | | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | H |
| CH ₃ | O-acyl | S | 8-Fluoroguanine 5-Fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | S | | O-acyl | H |
| CH ₃ | O-acyl | | 8-Fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-------------------|----------------|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | s | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | S | Thymine | O-acyi O-amino | Н |
| C113 | O-annio acid | 3 | l Thymme | acid | ** |
| CH ₃ | O-amino acid | S | Uracil | O-amino | Н |
| C113 | O-amino acid | 3 | Orach | acid | ** |
| CH ₃ | O-amino acid | S | Guanine | O-amino | Н |
| CII | | ٦ | Guanne | acid | 1 |
| CH ₃ | O-amino acid | s | Cytosine | O-amino | Н |
| 0113 | o unimo uoid | | Sytomic | acid | |
| CH ₃ | O-amino acid | s | Adenine | O-amino | Н |
| 0113 | | | 1 Adding | acid | |
| CH ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| 0113 | O amino acid | | 113 postantimo | acid | 1 |
| CH ₃ | O-amino acid | s | 5-Fluorouracil | O-amino | Н |
| , | | | | acid | |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | Н |
| , | | | | acid | |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| | | ١ | | acid | |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| | | ~ | | acid | |
| CH ₃ | O-amino acid | S | 2-Fluoroadenine | O-amino | Н |
| | S ammio aoid | | , | acid | [|
| CH ₃ | O-amino acid | S | 2,8-Difluoroadenine | O-amino | Н |
| 0113 | J-minio acid | ີ | 2,0 Dilluoloudonino | acid | |
| CH ₃ | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | Н |
| Cn3 | O-minio acid | " | 2-1 horonypoxaminine | acid | 1 ** |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| CU3 | U-ammo acid | 3 | 6-1 Iuoronypoxanumie | U-amino | 144 |

| ·R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|-----------------|----------------|
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | O-amino | Н |
| | | | · | acid | |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino | Н |
| _ | | | | acid |] |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino | Н |
| _ | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 4-N-acetylcytosine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyladenine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino | H ! |
| | | | | acid | |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino | H |
| | | | , | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-fluoroadenine | O-amino | Н |
| | | | 120 120 120 | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino | [H |
| - | | | | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino | Н |
| CII | <u> </u> | _ | (All restal 2 and a 9 Guarday) | acid | |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino acid | Н |
| CII | O-amino acid | S | 2-N-acetylaminoadenine | O-amino | Н |
| CH ₃ | O-amino aciu | 3 | 2-IN-acetylanimoadenine | acid | n |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino | H |
| C113 | O-animo acid | 3 | 2-11-acceyiamino-o-maoroademine | acid | ** |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino | H |
| C113 | | J | 2 iv acceptaning o made hypoxaminine | acid | • • |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino | Н |
| 0113 | 0 | | | acid | |
| CH ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CH ₃ | O-acyl | S | Uracil | O-acyl | H |
| CH ₃ | O-acyl | S | Guanine | O-acyl | H |
| CH ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | Adenine | O-acyl | H |
| CH ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | H |
| CH ₃ | O-acyl | S | 8-Fluoroguanine | O-acyl | H |
| CH ₃ | O-acyl | S | 5-Fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | H |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R |
|-----------------|----------------|--------------|--------------------------------------|-----------------|---------------------------------------|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| - | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | Н |
| CH ₃ | O-amino acid | S | Thymine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Uracil | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Guanine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Cytosine | O-amino | H |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Adenine | O-amino | Н |
| | | | | acid | |
| CH ₃ | O-amino acid | S | Hypoxanthine | O-amino | Н |
| | | L | | acid | |
| CH ₃ | O-amino acid | S | 5-Fluorouracil | O-amino | H |
| L | | | 0 File | acid | · · · · · · · · · · · · · · · · · · · |
| CH ₃ | O-amino acid | S | 8-Fluoroguanine | O-amino | H |
| | 0 | | 5 Fluorestarina | acid | 111 |
| CH ₃ | O-amino acid | S | 5-Fluorocytosine | O-amino | Н |
| CIT | 0 | C | 9 Elvarondonino | acid | 11 |
| CH ₃ | O-amino acid | S | 8-Fluoroadenine | O-amino | Н |
| CII | O amira asid | S | 2 Elucroadonino | acid | 10 |
| CH ₃ | O-amino acid | 3 | 2-Fluoroadenine | O-amino acid | Н |
| CU | O-amino acid | S | 2,8-Difluoroadenine | O-amino | H |
| CH ₃ | O-ammo acid | 3 | 2,0-Dinuoroauciine | o-amino acid | n . |
| Cu | O-amino acid | S | 2-Fluorohypoxanthine | O-amino | H |
| CH ₃ | O-amino acid | ³ | 2-1-10010Hypoxanume | acid | T |
| CH ₃ | O-amino acid | S | 8-Fluorohypoxanthine | O-amino | Н |
| <u>∪⊓3</u> | O-amino acid | | 0-1 IUOIOHYPOXAHIIIIIC | U-aiiiiii0 | 1 4 4 |

| R ⁶ | \mathbb{R}^7 | X | Base | R ⁸ | R |
|-----------------|----------------|---|--------------------------------------|-----------------|------------|
| | | | | acid | |
| CH ₃ | O-amino acid | S | 2,8-Difluorohypoxanthine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-Aminoadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-Amino-8-fluorohypoxanthine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-Aminohypoxanthine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetylguanine | O-amino acid | Н |
| СН3 | O-amino acid | S | 4-N-acetylcytosine | O-amino acid | Н |
| СН3 | O-amino acid | S | 6-N-acetyladenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetyl-8-fluoroguanine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 4-N-acetyl-5-fluorocytosine | O-amino acid | Н |
| CH ₃ | O-amino acid. | S | 6-N-acetyl-2-fluoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2,8-difluoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 6-N-acetyl-2-aminoadenine | O-amino acid | Н |
| СН3 | O-amino acid | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetylaminoadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluoroadenine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetylamino-8-fluorohypoxanthine | O-amino acid | Н |
| CH ₃ | O-amino acid | S | 2-N-acetylaminohypoxanthine | O-amino acid | H . |
| CH ₃ | O-acyl | S | Thymine | O-acyl | Н |
| CH ₃ | O-acyl | S | Uracil | O-acyl | Н |
| CH ₃ | O-acyl | S | Guanine | O-acyl | Н |
| CH ₃ | O-acyl | S | Cytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | Adenine | O-acyl | Н |
| CH ₃ | O-acyl | S | Hypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 5-Fluorouracil | O-acyl | Н |
| | O-acyl | S | 8-Fluoroguanine | O-acyl | Н |
| | O-acyl | S | 5-Fluorocytosine | O-acyl | H |
| CH ₃ | O-acyl | S | 8-Fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluoroadenine | O-acyl | <u> H</u> |

| R ⁶ | R ⁷ | X | Base | R ⁸ | R ⁹ |
|-----------------|----------------|---|--------------------------------------|----------------|----------------|
| CH ₃ | O-acyl | S | 2,8-Difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 8-Fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | S | 2,8-Difluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Aminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-Amino-8-fluorohypoxanthine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-Aminohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylguanine | O-acyl | Н |
| CH ₃ | O-acyl | S | 4-N-acetylcytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyladenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetyl-8-fluoroguanine | O-acyl | H_ |
| CH ₃ | O-acyl | S | 4-N-acetyl-5-fluorocytosine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2,8-difluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-aminoadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 6-N-acetyl-2-amino-8-fluoroadenine | O-acyl | H |
| CH ₃ | O-acyl | S | 2-N-acetylaminoadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluoroadenine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylamino-8-fluorohypoxanthine | O-acyl | Н |
| CH ₃ | O-acyl | S | 2-N-acetylaminohypoxanthine | O-acyl | H |

Table 19

| R² | R ³ | XI | Y |
|------|----------------|----|-----------------|
| acyl | H | H | H |
| acyl | Н | H | NH ₂ |
| | Н | H | |
| acyl | H | H | NH-cyclopropyl |
| acyl | | | NH-methyl |
| acyl | H | H | NH-ethyl |
| acyl | H | H | NH-acetyl |
| acyl | H | H | OH |
| acyl | H | H | OMe |
| acyl | Н | Н | OEt |
| acyl | Н | Н | O-cyclopropyl |
| acyl | Н | Н | O-acetyl |
| acyl | Н | Н | SH |
| acyl | Н | Н | SMe |
| acyl | Н | Н | SEt |
| acyl | Н | Н | S-cyclopropyl |
| acyl | Н . | Н | F |
| acyl | Н | Н | Cl |
| acyl | Н | Н | Br |
| acyl | H | Н | I |
| acyl | acyl | Н | Н |
| acyl | acyl | Н | NH ₂ |
| acyl | acyl | Н | NH-cyclopropyl |
| acyl | acyl | Н | NH-methyl |
| acyl | acyl | Н | NH-ethyl |
| acyl | acyl | Н | NH-acetyl |
| acyl | acyl | Н | OH |
| acyl | acyl | Н | OMe |
| acyl | acyl | Н | OEt |
| acyl | acyl | Н | O-cyclopropyl |
| acyl | acyl | Н | O-acetyl |
| acyl | acyl | H | SH |
| acyl | acyl | Н | SMe |
| acyl | acyl | Н | SEt |
| acyl | acyl | Н | S-cyclopropyl |
| acyl | acyl | Н | F |
| acyl | acyl | Н | Cl |
| acyl | acyl | Н | Br |
| acyl | acyl | Н | I |
| acyl | amino acid | Н | H |
| acyl | amino acid | Н | NH ₂ |
| acyl | amino acid | Н | NH-cyclopropyl |
| acyl | amino acid | Н | NH-methyl |
| acyl | amino acid | Н | NH-ethyl |
| acyl | amino acid | Н | NH-acetyl |
| acyl | amino acid | Н | OH |
| 4071 | שנווווט מטוט | | V11 |

| R ² | R ³ | X | Y |
|----------------|----------------|---|-----------------|
| acyl | amino acid | H | OMe |
| acyl | amino acid | H | OEt |
| acyl | amino acid | H | O-cyclopropyl |
| acyl | amino acid | H | O-acetyl |
| | | H | SH |
| acyl | amino acid | Н | |
| acyl | amino acid | | SMe |
| acyl | amino acid | H | SEt |
| acyl | amino acid | Н | S-cyclopropyl F |
| acyl | amino acid | H | 1 |
| acyl | amino acid | H | Cl |
| acyl | amino acid | Н | Br |
| acyl | amino acid | H | I |
| Н | acyl | H | H |
| Н | acyl | Н | NH ₂ |
| Н | acyl | H | NH-cyclopropyl |
| H | acyl | Н | NH-methyl |
| Н | acyl | H | NH-ethyl |
| Н | acyl | H | NH-acetyl |
| Н | acyl | H | OH |
| Н | acyl | H | OMe |
| Н | acyl | H | OEt |
| Н | acyl | Н | O-cyclopropyl |
| H | acyl | Н | O-acetyl |
| Н | acyl | Н | SH |
| H | acyl | Н | SMe . |
| Н | acyl | Н | SEt |
| Н | acyl | Н | S-cyclopropyl |
| Н | acyl | Н | F |
| Н | acyl | Н | Cl |
| Н | acyl | Н | Br |
| Н | acyl | Н | I |
| Н | amino acid | Н | Н |
| Н | amino acid | Н | NH ₂ |
| Н | amino acid | Н | NH-cyclopropyl |
| Н | amino acid | Н | NH-methyl |
| Н | amino acid | Н | NH-ethyl |
| Н | amino acid | Н | NH-acetyl |
| H | amino acid | Н | OH |
| Н | amino acid | Н | OMe |
| H | amino acid | H | OEt |
| H | amino acid | Н | O-cyclopropyl |
| H | amino acid | Н | O-acetyl |
| | | Н | |
| H | amino acid | | SH |
| H | amino acid | H | SMe |
| H | amino acid | H | SEt |
| H | amino acid | H | S-cyclopropyl |
| H | amino acid | Н | <u>F</u> |

| R ² | R ³ | X¹ | Y |
|-----------------------|----------------|---------------|---------------------------------------|
| Н | amino acid | Н | CI |
| Н | amino acid | Н | Br |
| Н | amino acid | Н | I |
| amino acid | amino acid | Н | Н |
| amino acid | amino acid | H | NH ₂ |
| amino acid | amino acid | H | NH-cyclopropyl |
| amino acid | amino acid | H | NH-methyl |
| amino acid | amino acid | H | NH-ethyl |
| amino acid | amino acid | H | NH-acetyl |
| amino acid | amino acid | H | OH |
| amino acid | amino acid | H | OMe |
| amino acid | amino acid | H | OEt |
| amino acid | amino acid | H | O-cyclopropyl |
| amino acid | amino acid | Н | O-acetyl |
| | amino acid | H | SH |
| amino acid amino acid | amino acid | Н | SMe |
| amino acid | amino acid | Н | SEt |
| amino acid | amino acid | Н | |
| amino acid | | Н | S-cyclopropyl F |
| | amino acid | Н | Cl |
| amino acid | amino acid | Н | Br |
| amino acid | amino acid | H | |
| amino acid | amino acid | | I |
| amino acid | H | H | H |
| amino acid | H | Н | NH ₂ |
| amino acid | H | H | NH-cyclopropyl |
| amino acid | H | Н | NH-methyl |
| amino acid | H | Н | NH-ethyl |
| amino acid | H | Н | NH-acetyl |
| amino acid | H | H | ОН |
| amino acid | Н | Н | OMe |
| amino acid | H | Н | OEt |
| amino acid | H | Н | O-cyclopropyl |
| amino acid | Н | H | O-acetyl |
| amino acid | H | Н | SH |
| amino acid | Н | H_ | SMe |
| amino acid | H | H | SEt |
| amino acid | H | H | S-cyclopropyl |
| amino acid | Н | Н | F |
| amino acid | Н | Н | Cl |
| amino acid | Н | Н | Br |
| amino acid | H | Н | I |
| amino acid | acyl | Н | Н |
| amino acid | acyl | Н | NH ₂ |
| amino acid | acyl | Н | NH-cyclopropyl |
| amino acid | acyl | Н | NH-methyl |
| amino acid | acyl | Н | NH-ethyl |
| amino acid | acyl | Н | NH-acetyl |
| | | . | · · · · · · · · · · · · · · · · · · · |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|------|-----------------|
| amino acid | acyl | Н | ОН |
| amino acid | acyl | Н | OMe |
| amino acid | acyl | Н | OEt |
| amino acid | acyl | Н | O-cyclopropyl |
| amino acid | acyl | Н | O-acetyl |
| amino acid | acyl | Н | SH |
| amino acid | acyl | Н | SMe |
| amino acid | acyl | H | SEt |
| amino acid | acyl | Н | S-cyclopropyl |
| amino acid | acyl | Н | F |
| amino acid | acyl | Н | Cl |
| amino acid | acyl | Н | Br |
| amino acid | acyl | Н | I |
| acyl | Н | SH | Н |
| acyl | H | SH | NH ₂ |
| acyl | Н | SH | NH-cyclopropyl |
| acyl | Н | SH | NH-methyl |
| acyl | Н | SH | NH-ethyl |
| acyl | Н | SH | NH-acetyl |
| acyl | Н | SH | ОН |
| acyl | Н | SH | OMe |
| acyl | Н | SH | OEt |
| acyl | Н | SH | O-cyclopropyl |
| acyl | Н | SH | O-acetyl |
| acyl | H | SH | SH |
| acyl | H | SH | SMe |
| acyl | Н | SH | SEt |
| acyl | Н | SH | S-cyclopropyl |
| acyl | Н | SH | F |
| acyl | Н | SH | CI |
| acyl | Н | SH | Br |
| acyl | Н | SH | I |
| acyl | acyl | SH | Н |
| acyl | acyl | SH | NH ₂ |
| acyl | acyl | SH | NH-cyclopropyl |
| acyl | acyl | SH . | NH-methyl |
| acyl | acyl | SH | NH-ethyl |
| acyl | acyl | SH | NH-acetyl |
| acyl | acyl | SH | OH |
| acyl | acyl | SH | OMe |
| acyl | acyl | SH | OEt |
| acyl | acyl | SH | O-cyclopropyl |
| acyl | acyl | SH | O-acetyl |
| acyl | acyl | SH | SH |
| acyl | acyl | SH | SMe |
| acyl | acyl | SH | SEt |
| acyl | acyl | SH | S-cyclopropyl |
| ~~J1 | 1 / - | |)op.op/ |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|-------|---|
| acyl | acyl | SH | F |
| acyl | acyl | SH | CI |
| acyl | acyl | SH | Br |
| | | SH | I |
| acyl | acyl | SH | |
| acyl | amino acid | SH | |
| acyl | amino acid | | NH ₂ |
| acyl | amino acid | SH | NH-cyclopropyl |
| acyl | amino acid | SH | NH-methyl |
| acyl | amino acid | SH | NH-ethyl |
| acyl | amino acid | SH | NH-acetyl |
| acyl | amino acid | SH | OH |
| acyl | amino acid | SH | OMe |
| acyl | amino acid | SH | OEt |
| acyl | amino acid | SH | O-cyclopropyl |
| acyl | amino acid | SH | O-acetyl |
| acyl | amino acid | SH | SH |
| acyl | amino acid | SH | SMe . |
| acyl | amino acid | SH | SEt |
| acyl | amino acid | SH | S-cyclopropyl |
| acyl | amino acid | SH | F |
| acyl | amino acid | SH | Cl |
| acyl | amino acid | SH | Br |
| acyl | amino acid | SH | I |
| Н | acyl | SH | Н |
| H | acyl | SH | NH ₂ |
| Н | acyl | SH | NH-cyclopropyl |
| Н | acyl | SH | NH-methyl |
| H | acyl | SH | NH-ethyl |
| H | acyl | SH | NH-acetyl |
| H | acyl | SH | ОН |
| H | acyl | SH | OMe |
| H | acyl | SH | OEt |
| H | acyl | SH | O-cyclopropyl |
| H | acyl | SH | O-acetyl |
| Н | acyl | SH | SH |
| H | acyl | SH | SMe |
| H | acyl | SH | SEt |
| Н | acyl | SH | S-cyclopropyl |
| Н | acyl | SH | F |
| H | acyl | SH | Cl |
| Н | acyl | SH | Br |
| Н | acyl | SH | 1 |
| Н | amino acid | SH | H |
| Н | amino acid | SH | NH ₂ |
| H | amino acid | SH | NH-cyclopropyl |
| H | amino acid | SH | NH-methyl |
| H | amino acid | SH | NH-ethyl |
| | willing dold | 1 311 | 1 |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| Н | amino acid | SH | NH-acetyl |
| Н | amino acid | SH | ОН |
| Н | amino acid | SH | OMe |
| Н | amino acid | SH | OEt |
| Н | amino acid | SH | O-cyclopropyl |
| H | amino acid | SH | O-acetyl |
| H | amino acid | SH | SH |
| H | amino acid | SH | SMe |
| Н | amino acid | SH | SEt |
| H | amino acid | SH | S-cyclopropyl |
| H | amino acid | SH | F |
| Н | amino acid | SH | CI |
| Н | amino acid | SH | Br |
| Н | amino acid | SH | Ī |
| amino acid | amino acid | SH | Н |
| amino acid | amino acid | SH | NH ₂ |
| amino acid | amino acid | SH | NH-cyclopropyl |
| amino acid | amino acid | SH | NH-methyl |
| amino acid | amino acid | SH | NH-ethyl |
| amino acid | amino acid | SH | NH-acetyl |
| amino acid | amino acid | SH | OH |
| amino acid | amino acid | SH | OMe |
| amino acid | amino acid | SH | OEt |
| amino acid | amino acid | SH | O-cyclopropyl |
| amino acid | amino acid | SH | O-acetyl |
| amino acid | amino acid | SH | SH |
| amino acid | amino acid | SH | SMe |
| amino acid | amino acid | SH | SEt |
| amino acid | amino acid | SH | S-cyclopropyl |
| amino acid | amino acid | SH | F |
| amino acid | amino acid | SH | Cl |
| amino acid | amino acid | SH | Br |
| amino acid | amino acid | SH | <u>l</u> |
| amino acid | Н | SH | Н |
| amino acid | Н | SH | NH ₂ |
| amino acid | Н | SH | NH-cyclopropyl |
| amino acid | Н | SH | NH-methyl |
| amino acid | Н | SH | NH-ethyl |
| amino acid | Н | SH | NH-acetyl |
| amino acid | Н | SH | ОН |
| amino acid | Н | SH | OMe |
| amino acid | Н | SH | OEt |
| amino acid | H | SH | O-cyclopropyl |
| amino acid | Н | SH | O-acetyl |
| amino acid | H | SH | SH |
| amino acid | Н | SH | SMe |
| amino acid | H | SH | SEt |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| amino acid | Н | SH | S-cyclopropyl |
| amino acid | H | SH | F |
| amino acid | H | SH | CI |
| amino acid | H | SH | Br |
| amino acid | H | SH | I |
| amino acid | | SH | H |
| amino acid | acyl | SH | NH ₂ |
| amino acid | acyl | SH | |
| | acyl | | NH-cyclopropyl |
| amino acid | acyl | SH | NH-methyl |
| amino acid | acyl | SH | NH-ethyl |
| amino acid | acyl | SH | NH-acetyl |
| amino acid | acyl | SH | OH |
| amino acid | acyl | SH | OMe |
| amino acid | acyl | SH | OEt |
| amino acid | acyl | SH | O-cyclopropyl |
| amino acid | acyl | SH | O-acetyl |
| amino acid | acyl | SH | SH |
| amino acid | acyl | SH | SMe |
| amino acid | acyl | SH | SEt |
| amino acid | acyl | SH | S-cyclopropyl |
| amino acid | acyl | SH | F |
| amino acid | acyl | SH | Cl |
| amino acid | acyl | SH | Br |
| amino acid | acyl | SH | <u> </u> |
| acyl | H | Cl | H |
| acyl | Н | Cl | NH ₂ |
| acyl | Н | Cl | NH-cyclopropyl |
| acyl | Н | Cl | NH-methyl |
| acyl | Н | Cl | NH-ethyl |
| acyl | Н | Cl | NH-acetyl |
| acyl | Н | Cl | OH |
| acyl | Н | Cl | OMe |
| acyl | Н | Cl | OEt |
| acyl | Н | CI | O-cyclopropyl |
| acyl | Н | Cl | O-acetyl |
| acyl | Н | Cl | SH |
| acyl | Н | Cl | SMe |
| acyl | Н | Cl | SEt |
| acyl | Н | CI | S-cyclopropyl |
| acyl | Н | Cl | F |
| acyl | Н | Cl | CI |
| acyl | H | CI | Br |
| acyl | H | CI | 1 |
| acyl | acyl | CI | H |
| acyl | acyl | CI | NH ₂ |
| acyl | acyl | CI | NH-cyclopropyl |
| acyl | acyl | CI | NH-methyl |
| acyi | I achi | 101 | 1 1411-memyi |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----------|-----------------|
| acyl | acyl | CI | NH-ethyl |
| acyl | acyl | Cl | NH-acetyl |
| acyl | acyl | Cl | ОН |
| acyl | acyl | CI | OMe |
| acyl | acyl | CI | OEt |
| acyl | acyl | CI | O-cyclopropyl |
| acyl | acyl | Cl | O-acetyl |
| acyl | acyl | CI | SH |
| acyl | acyl | CI | SMe |
| acyl | acyl | CI | SEt |
| acyl | acyl | CI | S-cyclopropyl |
| acyl | acyl | Ci | F |
| acyl | acyl | CI | Cl |
| acyl | acyl | Ci | Br |
| acyl | acyl | CI | I |
| acyl | amino acid | CI | H |
| acyl | amino acid | CI | NH ₂ |
| acyl | amino acid | CI | NH-cyclopropyl |
| acyl | amino acid | Cl | NH-methyl |
| acyl | amino acid | CI | NH-ethyl |
| acyl | amino acid | Cl | NH-acetyl |
| acyl | amino acid | CI | OH |
| acyl | amino acid | Cl | OMe |
| acyl | amino acid | CI | OEt |
| acyl | amino acid | Ci | O-cyclopropyl |
| acyl | amino acid | Cl | O-acetyl |
| acyl | amino acid | CI | SH |
| acyl | amino acid | Cl | SMe |
| acyl | amino acid | CI | SEt |
| acyl | amino acid | CI | S-cyclopropyl |
| acyl | amino acid | Cl | F |
| acyl | amino acid | CI | CI |
| acyl | amino acid | CI | Br |
| acyl | amino acid | CI | Ī |
| Н | acyl | CI | Н |
| Н | acyl | CI | NH ₂ |
| Н | acyl | CI | NH-cyclopropyl |
| Н | acyl | Cl | NH-methyl |
| Н | acyl | Cl | NH-ethyl |
| Н | acyl | CI | NH-acetyl |
| H | acyl | Cl | OH |
| H | acyl | Cl | OMe |
| H | acyl | Cl | OEt |
| H | acyl | Cl | O-cyclopropyl |
| H | acyl | CI | O-acetyl |
| H | acyl | CI | SH |
| H | acyl | Cl | SMe |
| ** | uvj1 | <u> </u> | 01710 |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----|-----------------|
| Н | acyl | Cl | SEt |
| Н | acyl | CI | S-cyclopropyl |
| Н | acyl | CI | F |
| Н | acyl | Cl | Cl |
| Н | acyl | Cl | Br |
| H | acyl | CI | I |
| H | amino acid | CI | H |
| Н | amino acid | CI | NH ₂ |
| H | amino acid | CI | NH-cyclopropyl |
| H | amino acid | Cl | NH-methyl |
| H | amino acid | Cl | NH-ethyl |
| Н | amino acid | Ci | NH-acetyl |
| H | amino acid | Ci | ОН |
| H | amino acid | Cl | OMe |
| Н | amino acid | Cl | OEt |
| Н | amino acid | Cl | O-cyclopropyl |
| H | amino acid | Cl | O-acetyl |
| Н | amino acid | CI | SH |
| Н | amino acid | CI | SMe |
| H | amino acid | Ci | SEt |
| Н | amino acid | Cl | S-cyclopropyl |
| Н | amino acid | Cl | F |
| Н | amino acid | Cl | Cl |
| Н | amino acid | Cl | Br |
| Н | amino acid | Cl | I |
| amino acid | amino acid | Cl | Н |
| amino acid | amino acid | Cl | NH ₂ |
| amino acid | amino acid | Cl | NH-cyclopropyl |
| amino acid | amino acid | Cl | NH-methyl |
| amino acid | amino acid | Cl | NH-ethyl |
| amino acid | amino acid | Cl | NH-acetyl |
| amino acid | amino acid | Cl | ОН |
| amino acid | amino acid | CI | OMe |
| amino acid | amino acid | Cl | OEt |
| amino acid | amino acid | Cl | O-cyclopropyl |
| amino acid | amino acid | Cl | O-acetyl |
| amino acid | amino acid | Cl | SH |
| amino acid | amino acid | Cl | SMe |
| amino acid | amino acid | Cl | SEt |
| amino acid | amino acid | CI | S-cyclopropyl |
| amino acid | amino acid | Cl | F |
| amino acid | amino acid | Cl | Cl |
| amino acid | amino acid | Cl | Br |
| amino acid | amino acid | Cl | I |
| amino acid | Н | Cl | Н |
| amino acid | Н | Cl | NH ₂ |
| amino acid | Н | Cl | NH-cyclopropyl |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----|-----------------|
| amino acid | Н | CI | NH-methyl |
| amino acid | H | Cl | NH-ethyl |
| amino acid | H | Cl | NH-acetyl |
| amino acid | Н | Cl | OH |
| amino acid | H | Cl | OMe |
| amino acid | H | CI | OEt |
| amino acid | H | Ci | O-cyclopropyl |
| amino acid | H | Cl | |
| | Н | Cl | O-acetyl SH |
| amino acid | | Cl | |
| amino acid | H | | SMe |
| amino acid | H | Cl | SEt |
| amino acid | H | Cl | S-cyclopropyl |
| amino acid | Н | CI | F |
| amino acid | Н | Cl | Cl |
| amino acid | H | Cl | Br |
| amino acid | Н | Cl | 1 |
| amino acid | acyl | Cl | Н |
| amino acid | acyl | Cl | NH ₂ |
| amino acid | acyl | Cl | NH-cyclopropyl |
| amino acid | acyl | Cl | NH-methyl |
| amino acid | acyl | Cl | NH-ethyl |
| amino acid | acyl | Cl | NH-acetyl |
| amino acid | acyl | CI | ОН |
| amino acid | acyl | Cl | OMe |
| amino acid | acyl | Cl | OEt |
| amino acid | acyl | Cl | O-cyclopropyl |
| amino acid | acyl | CI | O-acetyl |
| amino acid | acyl | Cl | SH |
| amino acid | acyl | Cl | SMe |
| amino acid | acyl | Cl | SEt |
| amino acid | acyl | Cl | S-cyclopropyl |
| amino acid | acyl | Cl | F |
| amino acid | acyl | Cl | Cl |
| amino acid | acyl | Cl | Br |
| amino acid | acyl | Cl | I |
| acyl | Н | Br | Н |
| acyl | H | Br | NH ₂ |
| acyl | Н | Br | NH-cyclopropyl |
| acyl | H | Br | NH-methyl |
| acyl | Н | Br | NH-ethyl |
| acyl | H | Br | NH-acetyl |
| | H | Br | OH OH |
| acyl | H | Br | OMe |
| acyl | Н | Br | OEt |
| acyl | | | |
| acyl | H | Br | O-cyclopropyl |
| acyl | H | Br | O-acetyl |
| acyl | Н | Br | SH |

| R² | R ³ | X¹ | Y |
|------|----------------|----|--------------------|
| | H | Br | SMe |
| acyl | | Br | SEt |
| acyl | H | | |
| acyl | H | Br | S-cyclopropyl |
| acyl | H | Br | F |
| acyl | H | Br | Cl |
| acyl | H | Br | Br |
| acyl | H | Br | I |
| acyl | acyl | Br | Н |
| acyl | acyl | Br | NH ₂ |
| acyl | acyl | Br | NH-cyclopropyl |
| acyl | acyl | Br | NH-methyl |
| acyl | acyl | Br | NH-ethyl |
| acyl | acyl | Br | NH-acetyl |
| acyl | acyl | Br | ОН |
| acyl | acyl | Br | OMe |
| acyl | acyl | Br | OEt |
| acyl | acyl | Br | O-cyclopropyl |
| acyl | acyl | Br | O-acetyl |
| acyl | acyl | Вг | SH |
| acyl | acyl | Br | SMe |
| acyl | acyl | Br | SEt |
| acyl | acyl | Br | S-cyclopropyl |
| acyl | acyl | Br | F |
| acyl | acyl | Br | Cl |
| acyl | acyl | Br | Br |
| acyl | acyl | Br | I |
| acyl | amino acid | Br | Н |
| acyl | amino acid | Br | NH ₂ |
| acyl | amino acid | Br | NH-cyclopropyl |
| acyl | amino acid | Br | NH-methyl |
| acyl | amino acid | Br | NH-ethyl |
| acyl | amino acid | Br | NH-acetyl |
| acyl | amino acid | Br | ОН |
| acyl | amino acid | Br | OMe |
| acyl | amino acid | Br | OEt |
| acyl | amino acid | Br | O-cyclopropyl |
| acyl | amino acid | Br | O-acetyl |
| | amino acid | Br | SH |
| acyl | amino acid | Br | SMe |
| acyl | amino acid | Br | SEt |
| acyl | amino acid | Br | |
| acyl | | | S-cyclopropyl F |
| acyl | amino acid | Br | |
| acyl | amino acid | Br | Cl |
| acyl | amino acid | Br | Br |
| acyl | amino acid | Br | I |
| H | acyl | Br | H |
| H | acyl | Br | NH ₂ |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| H | acyl | Br | NH-cyclopropyl |
| H | acyl | Br | NH-methyl |
| H | acyl | Br | NH-ethyl |
| H | acyl | Br | NH-acetyl |
| H | | Br | OH OH |
| H | acyl | | |
| | acyl | Br | OMe OEt |
| H | acyl | Br | |
| H | acyl | Br | O-cyclopropyl |
| H | acyl | Br | O-acetyl |
| H | acyl | Br | SH |
| H | acyl | Br | SMe |
| H | acyl | Br | SEt |
| Н | acyl | Br | S-cyclopropyl |
| Н | acyl | Br | F |
| H | acyl | Br | Cl |
| Н | acyl | Br | Br |
| Н | acyl | Br | I |
| Н | amino acid | Br | Н |
| Н | amino acid | Br | NH ₂ |
| Н | amino acid | Br | NH-cyclopropyl |
| Н | amino acid | Br | NH-methyl |
| Н | amino acid | Br | NH-ethyl |
| Н | amino acid | Br | NH-acetyl |
| Н | amino acid | Br | ОН |
| H | amino acid | Br. | OMe |
| Н | amino acid | Br | OEt |
| Н | amino acid | Br | O-cyclopropyl |
| Н | amino acid | Br | O-acetyl |
| Н | amino acid | Br | SH |
| Н | amino acid | Br | SMe |
| Н | amino acid | Br | SEt |
| H | amino acid | Br | S-cyclopropyl |
| Н | amino acid | Br | F |
| Н | amino acid | Br | Cl |
| Н | amino acid | Br | Br |
| Н | amino acid | Br | I |
| amino acid | amino acid | Br | Н |
| amino acid | amino acid | Br | NH ₂ |
| amino acid | amino acid | Br | NH-cyclopropyl |
| amino acid | amino acid | Br | NH-methyl |
| amino acid | amino acid | Br | NH-ethyl |
| amino acid | amino acid | Br | NH-acetyl |
| amino acid | amino acid | Br | ОН |
| amino acid | amino acid | Br | OMe |
| amino acid | amino acid | Br | OEt |
| amino acid | amino acid | Br | O-cyclopropyl |
| amino acid | amino acid | Br | O-acetyl |
| | | <u>~</u> | _ = |

| R ² | R ³ | X | Y |
|----------------|----------------|-----------------|--------------------|
| amino acid | amino acid | Br | SH |
| amino acid | amino acid | Br | SMe |
| amino acid | amino acid | Br | SEt |
| amino acid | amino acid | Br | |
| | amino acid | Br | S-cyclopropyl F |
| amino acid | | | Cl |
| amino acid | amino acid | Br | |
| amino acid | amino acid | Br | Br |
| amino acid | amino acid | Br | I |
| amino acid | H | Br | Н |
| amino acid | H | Br | NH ₂ |
| amino acid | H | Br | NH-cyclopropyl |
| amino acid | H | Br | NH-methyl |
| amino acid | H | Br | NH-ethyl |
| amino acid | Н | Br | NH-acetyl |
| amino acid | H | Br | ОН |
| amino acid | Н | Br | ОМе |
| amino acid | H | Br | OEt |
| amino acid | H | Br | O-cyclopropyl |
| amino acid | Н | Br | O-acetyl |
| amino acid | Н | Br | SH |
| amino acid | Н | Br | SMe |
| amino acid | Н | Br | SEt |
| amino acid | Н | Br | S-cyclopropyl |
| amino acid | Н | Br | F |
| amino acid | Н | Br | Cl |
| amino acid | Н | Br | Br |
| amino acid | Н | Br | I |
| amino acid | acyl | Br | H |
| amino acid | acyl | Br | NH ₂ |
| amino acid | acyl | Br | NH-cyclopropyl |
| amino acid | acyl | Br | NH-methyl |
| amino acid | acyl | Br | NH-ethyl |
| amino acid | acyl | Br | NH-acetyl |
| amino acid | acyl | Br | ОН |
| amino acid | acyl | Br | OMe |
| amino acid | acyl | Br | OEt |
| amino acid | acyl | Br | O-cyclopropyl |
| amino acid | acyl | Br | O-acetyl |
| amino acid | acyl | Br | SH |
| amino acid | acyl | Br | SMe |
| amino acid | acyl | Br | SEt |
| amino acid | acyl | Br | S-cyclopropyl |
| amino acid | acyl | Br | F |
| amino acid | acyl | Br | Cl |
| amino acid | acyl | Br | Br |
| amino acid | acyl | Br | I |
| | Н | NH ₂ | H |
| acyl | | 14115 | 11 |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|-----------------|-----------------|
| acyl | H | NH ₂ | NH ₂ |
| acyl | H | NH ₂ | NH-cyclopropyl |
| acyl | H | NH ₂ | NH-methyl |
| acyl | H | NH ₂ | NH-ethyl |
| acyl | H | NH ₂ | NH-acetyl |
| acyl | H | NH ₂ | OH |
| acyl | H | NH ₂ | OMe |
| | H | NH ₂ | OEt |
| acyl | H | NH ₂ | |
| acyl | H | NH ₂ | O-cyclopropyl |
| acyl | H | NH ₂ | O-acetyl SH |
| acyl | | NH2 | |
| acyl | H | NH ₂ | SMe |
| acyl | H | NH ₂ | SEt |
| acyl | Н | NH ₂ | S-cyclopropyl |
| acyl | H | NH ₂ | F |
| acyl | H | NH ₂ | CI |
| acyl | H | NH ₂ | Br |
| acyl | H | NH ₂ | I |
| acyl | acyl | NH ₂ | Н |
| acyl | acyl | NH ₂ | NH ₂ |
| acyl | acyl | NH ₂ | NH-cyclopropyl |
| acyl | acyl | NH ₂ | NH-methyl |
| acyl | acyl | NH ₂ | NH-ethyl |
| acyl | acyl | NH ₂ | NH-acetyl |
| acyl | acyl | NH ₂ | ОН |
| acyl | acyl | NH ₂ | OMe |
| acyl | acyl | NH ₂ | OEt |
| acyl | acyl | NH ₂ | O-cyclopropyl |
| acyl | acyl | NH ₂ | O-acetyl |
| acyl | acyl | NH ₂ | SH |
| acyl | acyl | NH ₂ | SMe |
| acyl | acyl | NH ₂ | SEt |
| acyl | acyl | NH ₂ | S-cyclopropyl |
| acyl | acyl | NH ₂ | F |
| acyl | acyl | NH ₂ | Cl |
| acyl | acyl | NH ₂ | Br |
| acyl | acyl | NH ₂ | I |
| acyl | amino acid | NH ₂ | Н |
| acyl | amino acid | NH ₂ | NH ₂ |
| acyl | amino acid | NH ₂ | NH-cyclopropyl |
| acyl | amino acid | NH ₂ | NH-methyl |
| acyl | amino acid | NH ₂ | NH-ethyl |
| acyl | amino acid | NH ₂ | NH-acetyl |
| acyl | amino acid | NH ₂ | OH OH |
| acyl | amino acid | NH ₂ | OMe |
| acyl | amino acid | NH ₂ | OEt |
| | amino acid | NH ₂ | |
| acyl | annio aciu | IND2 | O-cyclopropyl |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|-----------------|-----------------|
| acyl | amino acid | NH ₂ | O-acetyl |
| acyl | amino acid | NH ₂ | SH |
| acyl | amino acid | NH ₂ | SMe |
| acyl | amino acid | NH ₂ | SEt |
| acyl | amino acid | NH ₂ | S-cyclopropyl |
| acyl | amino acid | NH ₂ | F |
| acyl | amino acid | NH ₂ | Cl |
| acyl | amino acid | NH ₂ | Br |
| acyl | amino acid | NH ₂ | I |
| Н | acyl | NH ₂ | H |
| H | acyl | NH ₂ | NH ₂ |
| H | acyl | NH ₂ | NH-cyclopropyl |
| Н | acyl | NH ₂ | NH-methyl |
| Н | | NH ₂ | NH-ethyl |
| H | acyl acyl | NH ₂ | NH-acetyl |
| Н | acyl | NH ₂ | OH |
| H | acyl | NH ₂ | OMe |
| Н | acyl | NH ₂ | OEt |
| H | acyl | NH ₂ | O-cyclopropyl |
| H | acyl | NH ₂ | O-acetyl |
| H | acyl | NH ₂ | SH . |
| H | acyl | NH ₂ | SMe |
| H | acyl | NH ₂ | SEt |
| H | acyl | NH ₂ | S-cyclopropyl |
| H | acyl | NH ₂ | F |
| Н | acyl | NH ₂ | Cl |
| H | acyl | NH ₂ | Br |
| H | acyl | NH ₂ | I |
| H | amino acid | NH ₂ | H |
| H | amino acid | NH ₂ | NH ₂ |
| H | amino acid | NH ₂ | NH-cyclopropyl |
| H | amino acid | NH ₂ | NH-methyl |
| H | amino acid | NH ₂ | NH-ethyl |
| H | amino acid | NH ₂ | NH-acetyl |
| H | amino acid | NH ₂ | OH |
| H | amino acid | NH ₂ | OMe |
| H | amino acid | NH ₂ | OEt |
| H | amino acid | NH ₂ | O-cyclopropyl |
| H | amino acid | NH ₂ | O-acetyl |
| | amino acid | | SH SH |
| H | amino acid | NH ₂ | SMe |
| H | | NH ₂ | SEt |
| <u>H</u> | amino acid | NH ₂ | |
| H | amino acid | NH ₂ | S-cyclopropyl |
| H | amino acid | NH ₂ | F |
| H | amino acid | NH ₂ | Cl |
| H | amino acid | NH ₂ | Br |
| Н | amino acid | NH ₂ | I |

| \mathbb{R}^2 | R ³ | X¹ | Y |
|----------------|----------------|-----------------|-----------------|
| amino acid | amino acid | NH ₂ | Н |
| amino acid | amino acid | NH ₂ | NH ₂ |
| amino acid | amino acid | NH ₂ | NH-cyclopropyl |
| amino acid | amino acid | NH ₂ | NH-methyl |
| amino acid | amino acid | NH ₂ | NH-ethyl |
| amino acid | amino acid | NH ₂ | NH-acetyl |
| amino acid | amino acid | NH ₂ | OH |
| amino acid | amino acid | NH ₂ | OMe |
| amino acid | amino acid | NH ₂ | OEt |
| amino acid | amino acid | NH ₂ | O-cyclopropyl |
| amino acid | amino acid | NH ₂ | O-acetyl |
| amino acid | amino acid | NH ₂ | SH . |
| amino acid | amino acid | NH ₂ | SMe |
| amino acid | amino acid | NH ₂ | SEt |
| amino acid | amino acid | NH ₂ | S-cyclopropyl |
| amino acid | amino acid | NH ₂ | F |
| amino acid | amino acid | NH ₂ | Cl |
| amino acid | amino acid | NH ₂ | Br |
| amino acid | amino acid | NH ₂ | I |
| amino acid | Н | NH ₂ | H |
| amino acid | Н | NH ₂ | NH ₂ |
| amino acid | Н | NH ₂ | NH-cyclopropyl |
| amino acid | Н | NH ₂ | NH-methyl |
| amino acid | Н | NH ₂ | NH-ethyl |
| amino acid | Н | NH ₂ | NH-acetyl |
| amino acid | Н | NH ₂ | ОН |
| amino acid | Н | NH ₂ | OMe |
| amino acid | Н | NH ₂ | OEt |
| amino acid | Н | NH ₂ | O-cyclopropyl |
| amino acid | Н | NH₂ | O-acetyl |
| amino acid | Н | NH ₂ | SH |
| amino acid | Н | NH ₂ | SMe |
| amino acid | H | NH ₂ | SEt |
| amino acid | Н | NH ₂ | S-cyclopropyl |
| amino acid | Н | NH ₂ | F |
| amino acid | H | NH ₂ | Cl |
| amino acid | Н | NH ₂ | Br |
| amino acid | Н | NH ₂ | I |
| amino acid | acyl | NH ₂ | Н |
| amino acid | acyl | NH ₂ | NH ₂ |
| amino acid | acyl | NH ₂ | NH-cyclopropyl |
| amino acid | acyl | NH ₂ | NH-methyl |
| amino acid | acyl | NH ₂ | NH-ethyl |
| amino acid | acyl | NH ₂ | NH-acetyl |
| amino acid | acyl | NH ₂ | ОН |
| amino acid | acyl | NH ₂ | OMe |
| amino acid | acyl | NH ₂ | OEt |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|-----------------|-----------------|
| amino acid | acyl . | NH ₂ | O-cyclopropyl |
| amino acid | acyl | NH ₂ | O-acetyl |
| amino acid | acyl | NH ₂ | SH |
| amino acid | acyl | NH ₂ | SMe |
| amino acid | acyl | NH ₂ | SEt |
| amino acid | acyl | NH ₂ | S-cyclopropyl |
| amino acid | acyl | NH ₂ | F |
| amino acid | acyl | NH ₂ | CI |
| amino acid | acyl | NH ₂ | Br |
| amino acid | acyl | NH ₂ | I |
| acyl | Н | ОН | Н |
| acyl | Н | OH | NH ₂ |
| acyl | Н | ОН | NH-cyclopropyl |
| acyl | Н | ОН | NH-methyl |
| acyl | Н | ОН | NH-ethyl |
| acyl | Н | ОН | NH-acetyl |
| acyl | Н | ОН | ОН |
| acyl | Н | ОН | OMe |
| acyl | Н | ОН | OEt |
| acyl | Н | ОН | O-cyclopropyl |
| acyl | Н | ОН | O-acetyl |
| acyl | Н | ОН | SH |
| acyl | Н | OH | SMe |
| acyl | Н | ОН | SEt |
| acyl | Н | OH | S-cyclopropyl |
| acyl | Н | ОН | F |
| acyl | Н | ОН | Cl |
| acyl | Н | OH | Br |
| acyl | Н | ОН | I |
| acyl | acyl | ОН | Н |
| acyl | acyl | OH | NH ₂ |
| acyl | acyl | OH | NH-cyclopropyl |
| acyl | acyl | OH | NH-methyl |
| acyl | acyl | OH | NH-ethyl |
| acyl | acyl | ОН | NH-acetyl |
| acyl | acyl | ОН | ОН |
| acyl | acyl | ОН | OMe |
| acyl | acyl | OH | OEt |
| acyl | acyl | OH | O-cyclopropyl |
| acyl | acyl | ОН | O-acetyl |
| acyl | acyl | ОН | SH |
| acyl | acyl | ОН | SMe |
| acyl | acyl | ОН | SEt |
| acyl | acyl | ОН | S-cyclopropyl |
| acyl | acyl | ОН | F |
| acyl | acyl | ОН | Cl |
| acyl | acyl | ОН | Br |

| R ² | R ³ | X | Y |
|----------------|----------------|-----|-----------------|
| acyl | acyl | OH | I |
| acyl | amino acid | ОН | Н |
| acyl | amino acid | ОН | NH ₂ |
| acyl | amino acid | ОН | NH-cyclopropyl |
| acyl | amino acid | OH | NH-methyl |
| acyl | amino acid | OH | NH-ethyl |
| acyl | amino acid | ОН | NH-acetyl |
| acyl | amino acid | OH | ОН |
| acyl | amino acid | OH | OMe |
| acyl | amino acid | OH | OEt |
| acyl | amino acid | OH | O-cyclopropyi |
| acyl | amino acid | OH | O-acetyl |
| acyl | amino acid | ОН | SH |
| acyl | amino acid | OH | SMe |
| acyl | amino acid | OH | SEt |
| acyl | amino acid | OH | S-cyclopropyl |
| acyl | amino acid | ОН | F |
| acyl | amino acid | ОН | CI |
| acyl | amino acid | OH | Br |
| acyl | amino acid | ОН | I |
| H | acyl | ОН | Н |
| H | acyl | OH | NH ₂ |
| H | acyl | ОН | NH-cyclopropyl |
| H | acyl | OH | NH-methyl |
| Н | acyl | OH | NH-ethyl |
| H | acyl | OH | NH-acetyl |
| Н | acyl | ОН | OH |
| Н | acyl | OH | OMe |
| Н | acyl | OH | OEt |
| Н | acyl | OH | O-cyclopropyl |
| H | acyl | OH | O-acetyl |
| H | acyl | OH | SH |
| H | acyl | OH | SMe |
| H | acyl | OH | SEt |
| H | acyl | OH | S-cyclopropyl |
| H | acyl | OH | F |
| H | acyl | ОН | CI |
| H | acyl | OH | Br |
| H | acyl | OH | I |
| H | amino acid | OH | H |
| H | amino acid | OH | NH ₂ |
| H | amino acid | OH | NH-cyclopropyl |
| H | amino acid | OH | NH-methyl |
| H | amino acid | OH | NH-ethyl |
| H | amino acid | OH | NH-acetyl |
| H | amino acid | OH | OH OH |
| H | | OH | |
| П | amino acid | LOU | OMe |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|-----|-----------------|
| Н | amino acid | ОН | OEt |
| Н | amino acid | ОН | O-cyclopropyl |
| Н | amino acid | ОН | O-acetyl |
| H | amino acid | ОН | SH |
| H | amino acid | ОН | SMe |
| H | amino acid | ОН | SEt |
| H | amino acid | OH | S-cyclopropyl |
| Н | amino acid | OH | F |
| Н | amino acid | OH | CI |
| Н | amino acid | OH | Br |
| H | amino acid | OH | I |
| amino acid | amino acid | ОН | Н |
| amino acid | amino acid | ОН | NH ₂ |
| amino acid | amino acid | ОН | NH-cyclopropyl |
| amino acid | amino acid | OH | NH-methyl |
| amino acid | amino acid | OH | NH-ethyl |
| amino acid | amino acid | OH | NH-acetyl |
| amino acid | amino acid | ОН | OH OH |
| amino acid | amino acid | OH. | OMe |
| amino acid | amino acid | ОН | OEt |
| amino acid | amino acid | ОН | O-cyclopropyl |
| amino acid | amino acid | ОН | O-acetyl |
| amino acid | amino acid | ОН | SH |
| amino acid | amino acid | ОН | SMe |
| amino acid | amino acid | ОН | SEt |
| amino acid | amino acid | ОН | S-cyclopropyl |
| amino acid | amino acid | ОН | F |
| amino acid | amino acid | ОН | Cl |
| amino acid | amino acid | ОН | Br |
| amino acid | amino acid | ОН | I |
| amino acid | Н | ОН | Н |
| amino acid | Н | OH | NH ₂ |
| amino acid | Н | ОН | NH-cyclopropyl |
| amino acid | Н | ОН | NH-methyl |
| amino acid | H | ОН | NH-ethyl |
| amino acid | Н | ОН | NH-acetyl |
| amino acid | Н | ОН | ОН |
| amino acid | Н | ОН | OMe |
| amino acid | Н | OH | OEt |
| amino acid | Н | OH | O-cyclopropyl |
| amino acid | Н | ОН | O-acetyl |
| amino acid | Н | ОН | SH |
| amino acid | Н | ОН | SMe |
| amino acid | Н | ОН | SEt |
| amino acid | Н | ОН | S-cyclopropyl |
| amino acid | Н | OH | F |
| amino acid | Н | ОН | Cl |
| W WVIV | L == | | |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| amino acid | Н | ОН | Br |
| amino acid | Н | ОН | I |
| amino acid | acyl | ОН | H |
| amino acid | acyl | ОН | NH ₂ |
| amino acid | acyl | ОН | NH-cyclopropyl |
| amino acid | acyl | ОН | NH-methyl |
| amino acid | acyl | ОН | NH-ethyl |
| amino acid | acyl | ОН | NH-acetyl |
| amino acid | acyl | OH | ОН |
| amino acid | acyl | ОН | OMe |
| amino acid | acyl | ОН | OEt |
| amino acid | acyl | ОН | O-cyclopropyl |
| amino acid | acyl | ОН | O-acetyl |
| amino acid | acyl | ОН | SH |
| amino acid | acyl | ОН | SMe |
| amino acid | acyl | ОН | SEt |
| amino acid | acyl | ОН | S-cyclopropyl |
| amino acid | acyl | OH | F |
| amino acid | acyl | ОН | CI |
| amino acid | acyl | ОН | Br |
| amino acid | acyl | ОН | I |
| acyl | Н | F | Н |
| acyl | Н | F | NH ₂ |
| acyl | Н | F | NH-cyclopropyl |
| acyl | Н | F | NH-methyl |
| acyl | Н | F | NH-ethyl |
| acyl | Н | F | NH-acetyl |
| acyl | Н | F | ОН |
| acyl | Н | F | OMe |
| acyl | Н | F | OEt |
| acyl | Н | F | O-cyclopropyl |
| acyl | Н | F | O-acetyl |
| acyl | Н | F | SH |
| acyl | Н | F | SMe |
| acyl | Н | F | SEt |
| acyl | Н | F | S-cyclopropyl |
| acyl | H | F | F |
| acyl | Н | F | Cl |
| acyl | Н | F | Br |
| acyl | H | F | I |
| acyl | acyl | F | Н |
| acyl | acyl | F | NH ₂ |
| acyl | acyl | F | NH-cyclopropyl |
| acyl | acyl | F | NH-methyl |
| acyl | acyl | F | NH-ethyl |
| acyl | acyl | F | NH-acetyl |
| acyl | acyl | F | OH |

| R ² | R ³ | X¹ | Y |
|----------------|----------------|----|-----------------|
| acyl | acyl | F | OMe |
| acyl | acyl | F | OEt |
| acyl | acyl | F | O-cyclopropyl |
| acyl | acyl | F | O-acetyl |
| acyl | acyl | F | SH |
| acyl | acyl | F | SMe |
| acyl | acyl | F | SEt |
| acyl | acyl | F | S-cyclopropyl |
| acyl | acyl | F | F |
| acyl | acyl | F | CI |
| acyl | acyl | F | Br |
| acyl | acyl | F | Ī |
| acyl | amino acid | F | H |
| acyl | amino acid | F | NH ₂ |
| acyl | amino acid | F | NH-cyclopropyl |
| acyl | amino acid | F | NH-methyl |
| acyl | amino acid | F | NH-ethyl |
| acyl | amino acid | F | NH-acetyl |
| acyl | amino acid | F | ОН |
| acyl | amino acid | F | OMe |
| acyl | amino acid | F | OEt |
| acyl | amino acid | F | O-cyclopropyl |
| acyl | amino acid | F | O-acetyl |
| acyl | amino acid | F | SH |
| acyl | amino acid | F | SMe |
| acyl | amino acid | F | SEt |
| acyl | amino acid | F | S-cyclopropyl |
| acyl | amino acid | F | F |
| acyl | amino acid | F | CI |
| acyl | amino acid | F | Br |
| acyl | amino acid | F | I |
| Н | acyl | F | Н |
| Н | acyl | F | NH ₂ |
| Н | acyl | F | NH-cyclopropyl |
| Н | acyl | F | NH-methyl |
| Н | acyl | F | NH-ethyl |
| Н | acyl | F | NH-acetyl |
| Н | acyl | F | ОН |
| Н | acyl | F | OMe |
| Н | acyl | F | OEt |
| Н | acyl | F | O-cyclopropyl |
| H | acyl | F | O-acetyl |
| Н | acyl | F | SH |
| Н | acyl | F | SMe |
| Н | acyl | F | SEt |
| H | acyl | F | S-cyclopropyl |
| Н | acyl | F | F |
| | | | |

| R ² | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| H | acyl | F | CI |
| H | acyl | F | Br |
| H | acyl | F | I |
| H | amino acid | F | H |
| H | amino acid | F | NH ₂ |
| H | amino acid | F | NH-cyclopropyl |
| H | amino acid | F | NH-methyl |
| H | amino acid | F | NH-ethyl |
| H | amino acid | F | NH-acetyl |
| H | amino acid | F | OH |
| H | amino acid | F | OMe |
| Н | amino acid | F | OEt |
| H | amino acid | F | O-cyclopropyl |
| Н | amino acid | F | O-acetyl |
| Н | amino acid | F | SH |
| Н | amino acid | F | SMe |
| Н | amino acid | F | SEt |
| Н | amino acid | F | S-cyclopropyl |
| Н | amino acid | F | F |
| Н | amino acid | F | CI |
| Н | amino acid | F | Br |
| Н | amino acid | F | I |
| amino acid | amino acid | F | H |
| amino acid | amino acid | F | NH ₂ |
| amino acid | amino acid | F | NH-cyclopropyl |
| amino acid | amino acid | F | NH-methyl |
| amino acid | amino acid | F | NH-ethyl |
| amino acid | amino acid | F | NH-acetyl |
| amino acid | amino acid | F | ОН |
| amino acid | amino acid | F | OMe |
| amino acid | amino acid | F | OEt |
| amino acid | amino acid | F | O-cyclopropyl |
| amino acid | amino acid | F | O-acetyl |
| amino acid | amino acid | F | SH |
| amino acid | amino acid | F | SMe |
| amino acid | amino acid | F | SEt |
| amino acid | amino acid | F | S-cyclopropyl |
| amino acid | amino acid | F | F |
| amino acid | amino acid | F | Cl |
| amino acid | amino acid | F | Br |
| amino acid | amino acid | F | I |
| amino acid | H | F | H |
| amino acid | H | F | NH ₂ |
| amino acid | H | F | NH-cyclopropyl |
| amino acid | H | F | NH-methyl |
| amino acid | H | F | NH-ethyl |
| amino acid | H | F | NH-acetyl |

| \mathbb{R}^2 | R ³ | X ¹ | Y |
|----------------|----------------|----------------|-----------------|
| amino acid | Н | F | ОН |
| amino acid | Н | F | OMe |
| amino acid | Н | F | OEt |
| amino acid | Н | F | O-cyclopropyl |
| amino acid | Н | F | O-acetyl |
| amino acid | H | ·F | SH |
| amino acid | Н | F | SMe |
| amino acid | Н | F | SEt |
| amino acid | Н | F | S-cyclopropyl |
| amino acid | Н | F | F |
| amino acid | H | F | Cl |
| amino acid | H | F | Br |
| amino acid | H | F | I |
| amino acid | acyl | F | H |
| amino acid | acyl | F | NH ₂ |
| amino acid | acyl | F | NH-cyclopropyl |
| amino acid | acyl | F | NH-methyl |
| amino acid | acyl | F | NH-ethyl |
| amino acid | acyl | F | NH-acetyl |
| amino acid | acyl | F | ОН |
| amino acid | acyl | F | OMe |
| amino acid | acyl | F | OEt |
| amino acid | acyl | F | O-cyclopropyl |
| amino acid | acyl | F | O-acetyl |
| amino acid | acyl | F | SH |
| amino acid | acyl | F | SMe |
| amino acid | acyl | F | SEt |
| amino acid | acyl | F | S-cyclopropyl |
| amino acid | acyl | F | F |
| amino acid | acyl | F | Cl |
| amino acid | acyl | F | Br |
| amino acid | acyl | F | Ī |
| acyl | Н | I | Н |
| acyl | H | I | NH ₂ |
| acyl | Н | Ī | NH-cyclopropyl |
| acyl | Н | Ī | NH-methyl |
| acyl | Н | I | NH-ethyl |
| acyl | Н | 1 | NH-acetyl |
| acyl | Н | Ī | ОН |
| acyl | Н | I | OMe |
| acyl | H | I | OEt |
| acyl | Н | Ī | O-cyclopropyl |
| acyl | Н | i | O-acetyl |
| acyl | H | Ī | SH |
| acyl | H | I | SMe |
| acyl | H | I | SEt |
| acyl | H | I | S-cyclopropyl |
| acyı | ** | 4 | 5-cyclopropyi |

| R ² | R ³ | X¹ | Y |
|----------------|---------------------------------------|----------------|-----------------|
| acyl | H. | I | F |
| acyl | H | I | Cl |
| acyl | H | I | Br |
| acyl | H | $\frac{1}{I}$ | I |
| | acyl | 1 I | H |
| acyl | | I | NH ₂ |
| acyl | acyl | $-\frac{1}{1}$ | |
| acyl | acyl | _ | NH-cyclopropyl |
| acyl | acyl | I | NH-methyl |
| acyl | acyl | I | NH-ethyl |
| acyl | acyl | I | NH-acetyl |
| acyl | acyl | I | OH |
| acyl | acyl | I | OMe |
| acyl | acyl | I | OEt |
| acyl | acyl | I | O-cyclopropyl |
| acyl | acyl | I | O-acetyl |
| acyl | acyl | I | SH |
| acyl | acyl | I | SMe |
| acyl | acyl | I | SEt |
| acyl | acyl | I | S-cyclopropyl |
| acyl | acyl | I | F |
| acyl | acyl | I | Cl |
| acyl | acyl | I | Br |
| acyl | acyl | I | I |
| acyl | amino acid | 1 | Н |
| acyl | amino acid | 1 | NH ₂ |
| acyl | amino acid | I | NH-cyclopropyl |
| acyl | amino acid | I | NH-methyl |
| acyl | amino acid | I | NH-ethyl |
| acyl | amino acid | I | NH-acetyl |
| acyl | amino acid | 1 | OH |
| acyl | amino acid | I | OMe |
| acyl | amino acid | I | OEt |
| acyl | amino acid | 1 | O-cyclopropyl |
| acyl | amino acid | I | O-acetyl |
| acyl | amino acid | ı | SH |
| acyl | amino acid | I | SMe |
| acyl | amino acid | 1 | SEt |
| acyl | amino acid | ī | S-cyclopropyl |
| acyl | amino acid | Ī | F |
| acyl | amino acid | Ī | CI |
| acyl | amino acid | Ī | Br |
| acyl | amino acid | i | I |
| Н | acyl | I | H |
| H | acyl | | NH ₂ |
| H | · · · · · · · · · · · · · · · · · · · | I | |
| H | acyl | I | NH-cyclopropyl |
| | acyl | | NH-methyl |
| Н | acyl | I | NH-ethyl |

| R ² | R ³ | X | Y |
|----------------|----------------|---|-----------------|
| H | acyl | Ī | NH-acetyl |
| H | acyl | Ī | ОН |
| H | acyl | 1 | OMe |
| H | acyl | I | OEt |
| H | | Ī | |
| | acyl | Ī | O-cyclopropyl |
| H | acyl | I | O-acetyl |
| H | acyl | | SH |
| H | acyl | I | SMe |
| Н | acyl | I | SEt |
| H | acyl | 1 | S-cyclopropyl |
| H | acyl | 1 | F |
| Н | acyl | I | CI |
| Н | acyl | 1 | Br |
| Н | acyl | I | Ī |
| Н | amino acid | I | Н |
| H | amino acid | I | NH ₂ |
| Н | amino acid | I | NH-cyclopropyl |
| Н | amino acid | I | NH-methyl |
| H | amino acid | 1 | NH-ethyl |
| Н | amino acid | 1 | NH-acetyl |
| Н | amino acid | I | ОН |
| H | amino acid | I | ОМе |
| Н | amino acid | I | OEt |
| Н | amino acid | I | O-cyclopropyl |
| H | amino acid | I | O-acetyl |
| Н | amino acid | I | SH |
| Н | amino acid | I | SMe |
| Н | amino acid | I | SEt |
| Н | amino acid | 1 | S-cyclopropyl |
| Н | amino acid | I | F |
| Н | amino acid | I | Cl |
| Н | amino acid | I | Br |
| Н | amino acid | I | I |
| amino acid | amino acid | I | Н |
| amino acid | amino acid | I | NH ₂ |
| amino acid | amino acid | I | NH-cyclopropyl |
| amino acid | amino acid | I | NH-methyl |
| amino acid | amino acid | Ī | NH-ethyl |
| amino acid | amino acid | Ī | NH-acetyl |
| amino acid | amino acid | Ī | OH |
| amino acid | amino acid | Ī | OMe |
| amino acid | amino acid | Ī | OEt |
| amino acid | amino acid | 1 | O-cyclopropyl |
| amino acid | amino acid | I | |
| | | I | O-acetyl SH |
| amino acid | amino acid | | |
| amino acid | amino acid | 1 | SMe |
| amino acid | amino acid | 1 | SEt |

| \mathbb{R}^2 | R ³ | X | Y |
|----------------|----------------|---|-----------------|
| amino acid | amino acid | ī | S-cyclopropyl |
| amino acid | amino acid | I | F |
| amino acid | amino acid | I | CI |
| amino acid | amino acid | I | Br |
| amino acid | amino acid | ī | Ī |
| amino acid | Н | I | Н |
| amino acid | H | Ī | NH ₂ |
| amino acid | Н | I | NH-cyclopropyl |
| amino acid | Н | ī | NH-methyl |
| amino acid | Н | I | NH-ethyl |
| amino acid | Н | I | NH-acetyl |
| amino acid | Н | Ī | ОН |
| amino acid | Н | I | OMe |
| amino acid | Н | 1 | OEt |
| amino acid | Н | I | O-cyclopropyl |
| amino acid | Н | I | O-acetyl |
| amino acid | Н | Ī | SH |
| amino acid | Н | I | SMe |
| amino acid | Н | Ī | SEt |
| amino acid | Н | I | S-cyclopropyl |
| amino acid | Н | Ī | F |
| amino acid | Н . | I | Cl |
| amino acid | Н | I | Br |
| amino acid | Н | I | 1 |
| amino acid | acyl | I | Н |
| amino acid | acyl | I | NH ₂ |
| amino acid | acyl | I | NH-cyclopropyl |
| amino acid | acyl | I | NH-methyl |
| amino acid | acyl | I | NH-ethyl |
| amino acid | acyl | I | NH-acetyl |
| amino acid | acyl | I | ОН |
| amino acid | acyl | Ĭ | OMe |
| amino acid | acyl | I | OEt |
| amino acid | acyl | I | O-cyclopropyl |
| amino acid | acyl | I | O-acetyl |
| amino acid | acyl | I | SH |
| amino acid | acyl | I | SMe |
| amino acid | acyl | I | SEt |
| amino acid | acyl | I | S-cyclopropyl |
| amino acid | acyl | l | F |
| amino acid | acyl | I | Cl |
| amino acid | acyl | I | Br |
| amino acid | acyl | I | I |

Table 20

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|---|----------------|-----------------|
| acyl | Н | Н | Н | Н |
| acyl | Н | Н | H | NH ₂ |
| acyl | Н | H | H | NH-cyclopropyl |
| acyl | Н | Н | Н | NH-methyl |
| acyl | Н | H | Н | NH-ethyl |
| acyl | Н | H | Н | NH-acetyl |
| acyl | H | Н | Н | OH |
| acyl | Н | Н | Н | OMe |
| acyl | Н | Н | H | OEt |
| acyl | Н | Н | Н | O-cyclopropyl |
| acyl | H | Н | Н | O-acetyl |
| acyl | H | Н | H | SH |
| acyl | Н | Н | Н | SMe |
| acyl | H | H | H , | SEt |
| acyl | Н | H | H | S-cyclopropyl |
| acyl | H | H | Н | F |
| acyl | Н | Н | H | Cl |
| acyl | H | Н | Н | Br |
| acyl | H | Н | Н | I |
| acyl | acyl | Н | Н | Н |
| acyl | acyl | H | H | NH ₂ |
| acyl | acyl | Н | H | NH-cyclopropyl |
| acyl | acyl | H | Н | NH-methyl |
| acyl | acyl | Н | H | NH-ethyl |
| acyl | acyl | Н | H | NH-acetyl |
| acyl | acyl | Н | Н | OH |
| acyl | acyl | H | Н | ОМе |
| acyl | acyl | Н | Н | OEt |
| acyl | acyl | H | Н | O-cyclopropyl |
| acyl | acyl | Н | Н | O-acetyl |
| acyl | acyl | Н | H | SH |
| acyl | acyl | Н | Н | SMe |
| acyl | acyl | Н | Н | SEt |
| acyl | acyl | Н | H | S-cyclopropyl |
| acyl | acyl | Н | Н | F |
| acyl | acyl | H | H | Cl |
| acyl | acyl | H | H | Br |
| acyl | acyl | H | H | 1 |
| acyl | amino acid | H | H | H |
| acyl | amino acid | H | H | NH ₂ |
| acyl | amino acid | H | H_ | NH-cyclopropyl |
| acyl | amino acid | H | H | NH-methyl |
| acyl | amino acid | H | Н | NH-ethyl |
| acyl | amino acid | H | Н | NH-acetyl |
| acyl | amino acid | H | Н | ОН |

| R ² | R ³ | X ¹ | X² | Y |
|----------------|-----------------------|----------------|----|-----------------|
| acyl | amino acid | H | Н | OMe |
| acyl | amino acid | H | H | OEt |
| acyl | amino acid | H | H | O-cyclopropyl |
| acyl | amino acid | H | H | O-acetyl |
| acyl | amino acid | H | H | SH |
| acyl | amino acid | H | H | SMe |
| acyl | amino acid | H | H | SEt |
| acyl | amino acid | H | H | S-cyclopropyl |
| acyl | amino acid | H | H | F |
| acyl | amino acid | H | H | CI |
| | amino acid | H | H | Br |
| acyl | amino acid | H | H | I |
| acyl H | | H | H | H |
| | acyl | H | Н | |
| H | acyl | | | NH ₂ |
| H | acyl | H | H | NH-cyclopropyl |
| H | acyl | H | H | NH-methyl |
| Н | acyl | Н | H | NH-ethyl |
| Н | acyl | H | Н | NH-acetyl |
| Н | acyl | H | H | OH |
| Н | acyl | H | H | OMe |
| H | acyl | H | H | OEt |
| Н | acyl | H | H | O-cyclopropyl |
| Н | acyl | Н | Н | O-acetyl |
| Н | acyl | Н | H | SH |
| H | acyl | H | H | SMe |
| Н | acyl | Н | H | SEt |
| H | acyl | H | Н | S-cyclopropyl |
| Н | acyl | Н | Н | F |
| Н | acyl | H | H | Cl |
| H | acyl | H | Н | Br |
| H | acyl | Н | H | 1 |
| Н | amino acid | H | H | H |
| Н | amino acid | H | H | NH ₂ |
| Н | amino acid | Н | Н | NH-cyclopropyl |
| Н | amino acid | Н | Н | NH-methyl |
| H | amino acid | H | Н | NH-ethyl |
| Н | amino acid | Н | H | NH-acetyl |
| H | amino acid | Н | Н | ОН |
| Н | amino acid | Н | Н | OMe |
| Н | amino acid | Н | Н | OEt |
| Н | amino acid | Н | Н | O-cyclopropyl |
| Н | amino acid | Н | Н | O-acetyl |
| Н | amino acid | Н | Н | SH |
| Н | amino acid | Н | Н | SMe |
| | | | | |
| H | amino acid | l H | H | SEt |
| H | amino acid amino acid | H | H | S-cyclopropyl |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| Н | amino acid | Н | Н | CI |
| Н | amino acid | Н | Н | Br |
| Н | amino acid | Н | Н | I |
| amino acid | amino acid | Н | Н | Н |
| amino acid | amino acid | Н | H | NH ₂ |
| amino acid | amino acid | Н | Н | NH-cyclopropyl |
| amino acid | amino acid | Н | Н | NH-methyl |
| amino acid | amino acid | Н | Н | NH-ethyl |
| amino acid | amino acid | Н | Н | NH-acetyl |
| amino acid | amino acid | Н | H | ОН |
| amino acid | amino acid | H | Н | OMe |
| amino acid | amino acid | Н | Н | OEt |
| amino acid | amino acid | Н | Н | O-cyclopropyl |
| amino acid | amino acid | Н | Н | O-acetyl |
| amino acid | amino acid | Н | Н | SH |
| amino acid | amino acid | Н | Н | SMe |
| amino acid | amino acid | Н | Н | SEt |
| amino acid | amino acid | Н | Н | S-cyclopropyl |
| amino acid | amino acid | Н | Н | F |
| amino acid | amino acid | Н | Н | Cl |
| amino acid | amino acid | Н | Н | Br |
| amino acid | amino acid | Н | Н | I |
| amino acid | Н | Н | Н | Н |
| amino acid | Н | Н | Н | NH ₂ |
| amino acid | Н | Н | Н | NH-cyclopropyl |
| amino acid | Н | Н | H | NH-methyl |
| amino acid | Н | H | H | NH-ethyl |
| amino acid | Н | H | Н | NH-acetyl |
| amino acid | Н | Н | Н | OH |
| amino acid | Н | H | Н | OMe |
| amino acid | Н | H | Н | OEt |
| amino acid | H | H | Н | O-cyclopropyl |
| amino acid | Н | H | Н | O-acetyl |
| amino acid | H | H | Н | SH |
| amino acid | Н | Н | Н | SMe |
| amino acid | H | Н | Н | SEt |
| amino acid | H | Н | Н | S-cyclopropyl |
| amino acid | Н . | Н | H | F |
| amino acid | H | H | H | Cl |
| amino acid | H | Н | H | Br |
| amino acid | Н | H | Н | I |
| amino acid | acyl | H | H | H |
| amino acid | acyl | Н | H | NH ₂ |
| amino acid | acyl | Н | H | NH-cyclopropyl |
| amino acid | acyl | H | H | NH-methyl |
| amino acid | acyl | H | H | NH-ethyl |
| amino acid | acyl | H | Н | NH-acetyl |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|-------------|----------------|-----------------|
| amino acid | acyl | H | H | OH |
| amino acid | acyl | H | H | OMe |
| amino acid | acyl | H | H | OEt |
| amino acid | acyl | — H | H | O-cyclopropyl |
| amino acid | acyl | H | H | O-acetyl |
| amino acid | acyl | H | H | SH |
| amino acid | acyl | H | H | SMe |
| amino acid | | H | H | SEt |
| amino acid | acyl | H | H | S-cyclopropyl |
| amino acid | acyl | H | H | F |
| amino acid | acyl | H | H | Cl |
| | acyl | H | H | Br |
| amino acid | acyl | H | $\frac{H}{H}$ | 1 |
| amino acid | acyl H | F | H | H |
| acyl | | I | | |
| acyl | H | F | Н | NH ₂ |
| acyl | H | F | Н | NH-cyclopropyl |
| acyl | Н | F | Н | NH-methyl |
| acyl | Н | F | Н | NH-ethyl |
| acyl | Н | F | H | NH-acetyl |
| acyl | Н | F | Н | ОН |
| acyl | H | F | H | ОМе |
| acyl | H | F | H | OEt |
| acyl | Н | F | H | O-cyclopropyl |
| acyl | Н | F | H | O-acetyl |
| acyl | H | F | H | SH |
| acyl | Н | F | Н | SMe |
| acyl | Н | F | Н | SEt |
| acyl | Н | F | H | S-cyclopropyl |
| acyl | Н | F | Н | F |
| acyl | H | F | H | Cl |
| acyl | Н | F | H | Br |
| acyl | H | F | H | I |
| acyl | acyl | F | H | H |
| acyl | acyl | F | Н | NH ₂ |
| acyl | acyl | F | H | NH-cyclopropyl |
| acyl | acyl | F | H | NH-methyl |
| acyl | acyl | F | H | NH-ethyl |
| acyl | acyl | F | Н | NH-acetyl |
| acyl | acyl | F | Н | ОН |
| acyl | acyl | F | Н | OMe |
| acyl | acyl | F | H | OEt |
| acyl | acyl | F | Н | O-cyclopropyl |
| acyl | acyl | F | H | O-acetyl |
| acyl | acyl | F | H | SH |
| acyl | acyl | F | H | SMe |
| acyl | acyl | F | H | SEt |
| acyl | acyl | F | H | S-cyclopropyl |
| | 17: | | | 1) |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|-----|-----------------|-----------------|
| acyl | acyl | F | H | F |
| acyl | acyl | F | H | CI , |
| acyl | acyl | F | H | Br |
| acyl | acyl | F | H | 1 |
| | amino acid | F | H | H |
| acyl | amino acid | F | $\frac{\Pi}{H}$ | NH ₂ |
| acyl | | F | | |
| acyl | amino acid | F | H | NH-cyclopropyl |
| acyl | amino acid | F | H | NH-methyl |
| acyl | amino acid | F | H | NH-ethyl |
| acyl | amino acid | | H | NH-acetyl |
| acyl | amino acid | F | H | OH |
| acyl | amino acid | F | H | OMe |
| acyl | amino acid | F | Н | OEt |
| acyl | amino acid | F | Н | O-cyclopropyl |
| acyl | amino acid | F | Н | O-acetyl |
| acyl | amino acid | . F | H | SH |
| acyl | amino acid | F | Н | SMe |
| acyl | amino acid | F | Н | SEt |
| acyl | amino acid | F | H | S-cyclopropyl |
| acyl | amino acid | F | Н | F |
| acyl | amino acid | F | Н | CI |
| acyl | amino acid | F | Н | Br |
| acyl_ | amino acid | F | Н | I |
| H | acyl | F | H | Н |
| H | acyl | F | Н | NH ₂ |
| Н | acyl | F | Н | NH-cyclopropyl |
| Н | acyl | F | H | NH-methyl |
| Н | acyl | F | Н | NH-ethyl |
| Н | acyl | F | Н | NH-acetyl |
| Н | acyl | F | Н | ОН |
| H | acyl | F | Н | OMe |
| Н | acyl | F | Н | OEt |
| Н | acyl | F | Н | O-cyclopropyl |
| H | acyl | F | H | O-acetyl |
| Н | acyl | F | Н | SH |
| Н | acyl | F | Н | SMe |
| Н | acyl | F | Н | SEt |
| Н | acyl | F | H | S-cyclopropyl |
| Н | acyl | F | H | F |
| Н | acyl | F | Н | Cl |
| Н | acyl | F | Н | Br |
| Н | acyl | F | Н | I |
| H | amino acid | F | H | H |
| Н | amino acid | F | H | NH ₂ |
| H | amino acid | F | H | NH-cyclopropyl |
| Н | amino acid | F | H | NH-methyl |
| H | amino acid | F | H | NH-ethyl |
| 14 | unimo acid | | 1 4 4 | 1411-curyi |

| R ² | R ³ | T | 1 = -2 | 14. |
|----------------|----------------|----------------|----------------|-----------------|
| | | X ¹ | X ² | Y |
| H | amino acid | F | Н | NH-acetyl |
| H | amino acid | F | Н | OH |
| H | amino acid | F | Н | OMe |
| H | amino acid | F | H | OEt |
| Н | amino acid | F | Н | O-cyclopropyl |
| H | amino acid | F | Н | O-acetyl |
| Н | amino acid | F | Н | SH |
| Н | amino acid | F | H | SMe |
| Н | amino acid | F | H | SEt |
| Н | amino acid | F | Н | S-cyclopropyl |
| Н | amino acid | F | H | F |
| Н | amino acid | F | Н | Cl |
| Н | amino acid | F | Н | Br |
| Н | amino acid | F | Н | I |
| amino acid | amino acid | F | Н | H |
| amino acid | amino acid | F | H | NH ₂ |
| amino acid | amino acid | F | H | NH-cyclopropyl |
| amino acid | amino acid | F | Н | NH-methyl |
| amino acid | amino acid | F | H | NH-ethyl |
| amino acid | amino acid | F | Н | NH-acetyl |
| amino acid | amino acid | F | H | OH |
| amino acid | amino acid | F | Н | OMe |
| amino acid | amino acid | F | Н | OEt |
| amino acid | amino acid | F | H | O-cyclopropyl |
| amino acid | amino acid | F | Н | O-acetyl |
| amino acid | amino acid | F | Н | SH |
| amino acid | amino acid | F | H | SMe |
| amino acid | amino acid | F | H | SEt |
| amino acid | amino acid | F | H | S-cyclopropyl |
| amino acid | amino acid | F | Н | F |
| amino acid | amino acid | F | Η. | CI |
| amino acid | amino acid | F | H | Br |
| amino acid | amino acid | F | Н | I |
| amino acid | Н | F | Н | Н |
| amino acid | Н | F | Н | NH ₂ |
| amino acid | Н | F | Н | NH-cyclopropyl |
| amino acid | H | F | Н | NH-methyl |
| amino acid | H | F | Н | NH-ethyl |
| amino acid | Н | F | Н | NH-acetyl |
| amino acid | Н | F | Н | ОН |
| amino acid | Н | F | Н | OMe |
| amino acid | Н | F | Н | OEt |
| amino acid | Н | F | Н | O-cyclopropyl |
| amino acid | Н | F | Н | O-acetyl |
| amino acid | Н | F | Н | SH |
| amino acid | Н | F | H | SMe |
| amino acid | H | F | H | SEt |
| | <u> </u> | | . • • | |

| \mathbb{R}^2 | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|--|--------------------|
| amino acid | Н | F | Н | S-cyclopropyl |
| amino acid | Н | F | Н | F |
| amino acid | Н | F | H | CI |
| amino acid | H | F | H | Br |
| amino acid | H | F | H | Ī |
| amino acid | acyl | F | H | Н |
| amino acid | acyl | F | H | NH ₂ |
| amino acid | acyl | F | H | NH-cyclopropyl |
| amino acid | acyl | F | H | NH-methyl |
| amino acid | acyl | F | H | NH-ethyl |
| amino acid | acyl | F | H | NH-acetyl |
| amino acid | acyl | F | H | OH |
| amino acid | acyl | F | H | OMe |
| amino acid | acyl | F | H | OEt |
| amino acid | | F | H | O-cyclopropyl |
| amino acid | acyl | F | H | O-acetyl |
| amino acid | acyl | F | H | SH |
| amino acid | acyl | F | H | SMe |
| amino acid | acyl | F | H | SEt |
| | acyl | F | Н | |
| amino acid | acyl | F | Н | S-cyclopropyl F |
| amino acid | acyl | F | Н | Cl |
| | acyl | | | |
| amino acid | acyl | F | H | Br |
| amino acid | acyl | F | H | I |
| acyl | H | Н | F | Н |
| acyl | Н | Н | F | NH ₂ |
| acyl | Н | Н | F | NH-cyclopropyl |
| acyl | Н | H | F | NH-methyl |
| acyl | H | Н | F | NH-ethyl |
| acyl | H | Н | F | NH-acetyl |
| acyl | Н | Н | F | ОН |
| acyl | Н | Н | F | OMe |
| acyl | H | Н | F | OEt |
| acyl | H | Н | F | O-cyclopropyl |
| acyl | Н | Н | F | O-acetyl |
| acyl | Н | Н | F | SH |
| acyl | H | H | F | SMe |
| acyl | Н | Н | F | SEt |
| acyl | Н | H | F | S-cyclopropyl |
| acyl | Н | Н | F | F |
| acyl | Н | H_ | F | Cl |
| acyl | Н | Н | F | Br |
| acyl | Н | Н | F | I |
| acyl | acyl | Н | F | Н |
| acyl | acyl | Н | F | NH ₂ |
| acyl | acyl | Н | F | NH-cyclopropyl |
| acyl | acyl | Н | F | NH-methyl |
| | 1 /- | | ــــــــــــــــــــــــــــــــــــــ | |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|---|----------------|-----------------|
| acyl | acyl | H | F | NH-ethyl |
| acyl | acyl | H | F | NH-acetyl |
| acyl | acyl | H | F | OH OH |
| acyl | acyl | H | F | OMe |
| | | H | F | OEt |
| acyl | acyl | | | |
| acyl | acyl | H | F | O-cyclopropyl |
| acyl | acyl | Н | F | O-acetyl |
| acyl | acyl | H | F | SH |
| acyl | acyl | H | F | SMe |
| acyl | acyl | Н | F | SEt |
| acyl | acyl | Н | F | S-cyclopropyl |
| acyl | acyl | Н | F | F |
| acyl | acyl | Н | F | CI |
| acyl | acyl | Н | F | Br |
| acyl | acyl | Н | F | I |
| acyl . | amino acid | Н | F | Н |
| acyl | amino acid | Н | F | NH ₂ |
| acyl | amino acid | H | F | NH-cyclopropyl |
| acyl | amino acid | H | F | NH-methyl |
| acyl | amino acid | Н | F | NH-ethyl |
| acyl | amino acid | Н | F | NH-acetyl |
| acyl | amino acid | Н | F | OH |
| acyl | amino acid | Н | F | OMe |
| acyl | amino acid | Н | F | OEt |
| acyl | amino acid | Н | F | O-cyclopropyl |
| acyl | amino acid | Н | F | O-acetyl |
| acyl | amino acid | Н | F | SH |
| acyl | amino acid | Н | F | SMe |
| acyl | amino acid | Н | F | SEt |
| acyl | amino acid | Н | F | S-cyclopropyl |
| acyl | amino acid | Н | F | F |
| acyl | amino acid | Н | F | Cl |
| acyl | amino acid | Н | F | Br |
| acyl | amino acid | Н | F | Ī |
| Н | acyl | Н | F | Н |
| Н | acyl | Н | F | NH ₂ |
| H | acyl | H | F | NH-cyclopropyl |
| Н | acyl | H | F | NH-methyl |
| Н | acyl | H | F | NH-ethyl |
| Н | acyl | H | F | NH-acetyl |
| Н | acyl | H | F | OH |
| H | acyl | H | F | OMe |
| H | acyl | H | F | OEt |
| H | | H | $\frac{F}{F}$ | |
| | acyl | | F | O-cyclopropyl |
| H | acyl | H | | O-acetyl |
| H | acyl | H | F | SH |
| Н | acyl | H | F | SMe |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| Н | acyl | Н | F | SEt |
| Н | acyl | Н | F | S-cyclopropyl |
| Н | acyl | Н | F | F |
| Н | acyl | H | F | Cl |
| Н | acyl | Н | F | Br |
| Н | acyl | Н | F | I |
| Н | amino acid | H | F | Н |
| Н | amino acid | Н | F | NH ₂ |
| Н | amino acid | Н | F | NH-cyclopropyl |
| Н | amino acid | Н | F | NH-methyl |
| Н | amino acid | Н | F | NH-ethyl |
| Н | amino acid | Н | F | NH-acetyl |
| Н | amino acid | Н | F | ОН |
| Н | amino acid | Н | F | OMe |
| H | amino acid | Н | F | OEt |
| Н | amino acid | Н | F | O-cyclopropyl |
| Н | amino acid | H | F | O-acetyl |
| Н | amino acid | Н | F | SH |
| Н | amino acid | H | F | SMe |
| H | amino acid | H | F | SEt |
| Н | amino acid | H | F | S-cyclopropyl |
| Н | amino acid | H | F | F |
| Н | amino acid | H | F | Cl |
| Н | amino acid | Н | F | Br |
| H | amino acid | H | F | I |
| amino acid | amino acid | Н | F | H |
| amino acid | amino acid | Н | F | NH ₂ |
| amino acid | amino acid | H | F | NH-cyclopropyl |
| amino acid | amino acid | Н | F | NH-methyl |
| amino acid | amino acid | H | F | NH-ethyl |
| amino acid | amino acid | ·H | F | NH-acetyl |
| amino acid | amino acid | H | F | ОН |
| amino acid | amino acid | Н | F | ОМе |
| amino acid | amino acid | H | F | OEt |
| amino acid | amino acid | Н | F | O-cyclopropyl |
| amino acid | amino acid | H | F | O-acetyl |
| amino acid | amino acid | H | F | SH |
| amino acid | amino acid | Н | F | SMe |
| amino acid | amino acid | Н | F | SEt |
| amino acid | amino acid | H | F | S-cyclopropyl |
| amino acid | amino acid | H | F | F |
| amino acid | amino acid | H | F | Cl |
| amino acid | amino acid | H | F | Br |
| amino acid | amino acid | Н | F | I |
| amino acid | H | Н | F | Н |
| amino acid | Н | Н | F | NH ₂ |
| amino acid | H | Н | F | NH-cyclopropyl |

| \mathbb{R}^2 | R ³ | X | X ² | Y |
|----------------|----------------|-----------------|--------------------|-----------------|
| amino acid | Н | Н | F | NH-methyl |
| amino acid | Н | Н | F | NH-ethyl |
| amino acid | H | H | F | NH-acetyl |
| amino acid | H | Н | F | OH |
| amino acid | H | Н | F | OMe |
| amino acid | H | H | F | OEt |
| amino acid | H | H | F | O-cyclopropyl |
| amino acid | H | Н Н | F | O-acetyl |
| amino acid | H | H | F | SH |
| amino acid | H | H | F | SMe |
| amino acid | H | H | F | SEt |
| amino acid | H | H | F | S-cyclopropyl |
| amino acid | H | H | F | F S-cyclopropyi |
| amino acid | H | H | F | Cl |
| | H | H | F | Br |
| amino acid | H | H | F | I |
| amino acid | | H | $\frac{\Gamma}{F}$ | H |
| amino acid | acyl | — Н Н | F | |
| amino acid | acyl | | F | NH ₂ |
| amino acid | acyl | H | | NH-cyclopropyl |
| amino acid | acyl | H | F | NH-methyl |
| amino acid | acyl | H | F | NH-ethyl |
| amino acid | acyl | Н | F | NH-acetyl |
| amino acid | acyl | H | F | OH |
| amino acid | acyl | H | F | OMe |
| amino acid | acyl | H | F | OEt |
| amino acid | acyl | Н | F | O-cyclopropyl |
| amino acid | acyl | Н | F | O-acetyl |
| amino acid | acyl | Н | F | SH |
| amino acid | acyl | Н | F | SMe |
| amino acid | acyl | H | F | SEt |
| amino acid | acyl | Н | F | S-cyclopropyl |
| amino acid | acyl | H | F | F |
| amino acid | acyl | H | F | Cl |
| amino acid | acyl | H | F | Br |
| amino acid | acyl | H | F | I |
| acyl | H | NH ₂ | H | H |
| acyl | H | NH ₂ | Н | NH ₂ |
| acyl | Н | NH ₂ | Н | NH-cyclopropyl |
| acyl | Н | NH ₂ | Н | NH-methyl |
| acyl | Н | NH ₂ | Н | NH-ethyl |
| acyl | Н | NH ₂ | Н | NH-acetyl |
| acyl | Н | NH ₂ | Н | OH |
| acyl | Н | NH ₂ | Н | OMe |
| acyl | Н | NH ₂ | Н | OEt |
| acyl | Н | NH ₂ | Н | O-cyclopropyl |
| acyl | Н | NH ₂ | Н | O-acetyl |
| acyl | H | NH ₂ | Н | SH |
| acyı | | 11112 | | 1311 |

| R ² | R ³ | \mathbf{x}^{r} | X ² | Y |
|----------------|----------------|------------------|----------------|-----------------|
| acyl | H | NH ₂ | Н | SMe |
| acyl | Н | NH ₂ | Н | SEt |
| acyl | Н | NH ₂ | H | S-cyclopropyl |
| acyl | Н | NH ₂ | Н | F |
| acyl | Н | NH ₂ | Н | CI |
| acyl | H | NH ₂ | H | Br |
| acyl | Н | NH ₂ | H | I |
| acyl | acyl | NH ₂ | H | H |
| acyl | acyl | NH ₂ | H | NH ₂ |
| acyl | acyl | NH ₂ | H | NH-cyclopropyl |
| acyl | acyl | NH ₂ | H | NH-methyl |
| acyl | acyl | NH ₂ | H | NH-ethyl |
| acyl | acyl | NH ₂ | Н | NH-acetyl |
| acyl | acyl | NH ₂ | Н | ОН |
| acyl | acyl | NH ₂ | H | OMe |
| acyl | acyl | NH ₂ | H | OEt |
| acyl | acyl | NH ₂ | H | O-cyclopropyl |
| acyl | acyl | NH ₂ | H | O-acetyl |
| acyl | acyl | NH ₂ | H | SH |
| acyl | acyl | NH ₂ | H | SMe |
| acyl | acyl | NH ₂ | H | SEt |
| acyl | acyl | NH ₂ | H | S-cyclopropyl |
| acyl | acyl | NH ₂ | H | F |
| acyl | acyl | NH ₂ | H | CI |
| acyl | acyl | NH ₂ | H | Br |
| acyl | acyl | NH ₂ | H | Ī |
| acyl | amino acid | NH ₂ | H | H |
| acyl | amino acid | NH ₂ | H | NH ₂ |
| acyl | amino acid | NH ₂ | H | NH-cyclopropyl |
| acyl | amino acid | NH ₂ | H | NH-methyl |
| acyl | amino acid | NH ₂ | H | NH-ethyl |
| acyl | amino acid | NH ₂ | H | NH-acetyl |
| acyl | amino acid | NH ₂ | Н | ОН |
| acyl | amino acid | NH ₂ | Н | OMe |
| acyl | amino acid | NH ₂ | Н | OEt |
| acyl | amino acid | NH ₂ | H | O-cyclopropyl |
| acyl | amino acid | NH ₂ | H | O-acetyl |
| acyl | amino acid | NH ₂ | H | SH |
| acyl | amino acid | NH ₂ | H | SMe |
| acyl | amino acid | NH ₂ | H | SEt |
| acyl | amino acid | NH ₂ | H | S-cyclopropyl |
| acyl | amino acid | NH ₂ | H | F |
| acyl | amino acid | NH ₂ | H | Cl |
| acyl | amino acid | NH ₂ | H | Br |
| acyl | amino acid | NH ₂ | H | I |
| H | acyl | NH ₂ | H | H |
| | | NH ₂ | H | NH ₂ |
| H | acyl | 111113 | 111 | 1A115 |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|-----------------|----------------|-----------------|
| Н | acyl | NH ₂ | Н | NH-cyclopropyl |
| Н | acyl | NH ₂ | H | NH-methyl |
| Н | acyl | NH ₂ | Н | NH-ethyl |
| Н | acyl | NH ₂ | Н | NH-acetyl |
| Н | acyl | NH ₂ | H | OH |
| Н | acyl | NH ₂ | H | OMe |
| H | acyl | NH ₂ | H | OEt |
| H | acyl | NH ₂ | H | O-cyclopropyl |
| H | acyl | NH ₂ | H | O-acetyl |
| H | acyl | NH ₂ | H | SH |
| н | acyl | NH ₂ | H | SMe |
| Н | acyl | NH ₂ | H | SEt |
| H | acyl | NH ₂ | H | S-cyclopropyl |
| Н | acyl | NH ₂ | H | F |
| H | acyl | NH ₂ | H | Cl |
| H | acyl | NH ₂ | H | Br |
| H | acyl | NH ₂ | H | I I |
| H | amino acid | NH ₂ | H | H |
| H | amino acid | NH ₂ | H | NH ₂ |
| H | amino acid | NH ₂ | H | NH-cyclopropyl |
| Н | amino acid | NH ₂ | H | NH-methyl |
| Н | amino acid | NH ₂ | H | NH-ethyl |
| H | amino acid | NH ₂ | H | NH-acetyl |
| H | amino acid | NH ₂ | H | OH |
| H | amino acid | NH ₂ | H | OMe |
| H | amino acid | NH ₂ | H | OEt |
| H | amino acid | NH ₂ | H | O-cyclopropyl |
| Н | amino acid | NH ₂ | H | O-acetyl |
| H | amino acid | NH ₂ | H | SH |
| H | amino acid | NH ₂ | H | SMe |
| H | amino acid | NH ₂ | H | SEt |
| H | amino acid | NH ₂ | H | S-cyclopropyl |
| H | amino acid | NH ₂ | H | F |
| H | amino acid | NH ₂ | H | CI |
| Н | amino acid | NH ₂ | H | Br |
| H | amino acid | NH ₂ | H | I |
| amino acid | amino acid | NH ₂ | H | H |
| amino acid | amino acid | NH ₂ | Н | NH ₂ |
| amino acid | amino acid | NH ₂ | H | NH-cyclopropyl |
| amino acid | amino acid | NH ₂ | H | NH-methyl |
| amino acid | amino acid | NH ₂ | H | NH-ethyl |
| amino acid | amino acid | NH ₂ | H | NH-acetyl |
| amino acid | amino acid | NH ₂ | H | OH OH |
| amino acid | amino acid | NH ₂ | H | OMe |
| amino acid | amino acid | NH ₂ | H | OEt |
| amino acid | amino acid | NH ₂ | Н | O-cyclopropyl |
| amino acid | amino acid | NH ₂ | Н | O-acetyl |
| ailling acid | Lamino acid | 114113 | <u>Lu</u> | U-acetyl |

| R ² | R ³ | X¹ | X² | Y |
|----------------|----------------|-----------------|-----------------|--------------------|
| amino acid | amino acid | NH ₂ | H | SH |
| amino acid | amino acid | NH ₂ | H | SMe |
| amino acid | amino acid | NH ₂ | H | SEt |
| amino acid | amino acid | NH ₂ | H | <u> </u> |
| amino acid | amino acid | NH ₂ | H | S-cyclopropyl F |
| amino acid | amino acid | NH ₂ | H | Cl |
| amino acid | amino acid | | H | |
| | | NH ₂ | | Br |
| amino acid | amino acid | NH ₂ | H | I |
| amino acid | H | NH ₂ | H | H |
| amino acid | H | NH ₂ | H | NH ₂ |
| amino acid | H | NH ₂ | H | NH-cyclopropyl |
| amino acid | H | NH ₂ | H | NH-methyl |
| amino acid | Н | NH ₂ | H | NH-ethyl |
| amino acid | H | NH ₂ | H | NH-acetyl |
| amino acid | Н | NH ₂ | H | ОН |
| amino acid | Н | NH ₂ | H | OMe |
| amino acid | H | NH ₂ | Н | OEt |
| amino acid | Н | NH ₂ | Н | O-cyclopropyl |
| amino acid | Н | NH ₂ | H | O-acetyl |
| amino acid | Н | NH ₂ | H | SH |
| amino acid | Н | NH ₂ | Н | SMe |
| amino acid | Н | NH ₂ | Н | SEt |
| amino acid | H | NH ₂ | Н | S-cyclopropyl |
| amino acid | Н | NH ₂ | Н | F |
| amino acid | Н | NH ₂ | H | Cl |
| amino acid | Н | NH ₂ | Н | Br |
| amino acid | Н | NH ₂ | Н | I |
| amino acid | acyl | NH ₂ | Н | Н |
| amino acid | acyl | NH ₂ | Н | NH ₂ |
| amino acid | acyl | NH ₂ | Н | NH-cyclopropyl |
| amino acid | acyl | NH ₂ | Н | NH-methyl |
| amino acid | acyl | NH ₂ | Η. | NH-ethyl |
| amino acid | acyl | NH ₂ | Н | NH-acetyl |
| amino acid | acyl | NH ₂ | Н | OH |
| amino acid | acyl | NH ₂ | Н | OMe |
| amino acid | acyl | NH ₂ | Н | OEt |
| amino acid | acyl | NH ₂ | Н | O-cyclopropyl |
| amino acid | acyl | NH ₂ | Н | O-acetyl |
| amino acid | acyl | NH ₂ | Н | SH |
| amino acid | acyl | NH ₂ | Н | SMe |
| amino acid | acyl | NH ₂ | Н | SEt |
| amino acid | acyl | NH ₂ | H | S-cyclopropyl |
| amino acid | acyl | NH ₂ | H | F |
| amino acid | acyl | NH ₂ | H | Cl |
| amino acid | acyl | NH ₂ | H | Br |
| amino acid | acyl | NH ₂ | H | I |
| | H | Н | NH ₂ | H |
| acyl | 11 | П | 11172 | 11 |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|----|-----------------|-----------------|
| acyl | Н | H | NH ₂ | NH ₂ |
| acyl | Н | Н | NH ₂ | NH-cyclopropyl |
| acyl | Н | Н | NH ₂ | NH-methyl |
| acyl | Н | Н | NH ₂ | NH-ethyl |
| acyl | Н | Н | NH ₂ | NH-acetyl |
| acyl | Н | Н | NH ₂ | ОН |
| acyl | Н | Н | NH ₂ | OMe |
| acyl | H | Н | NH ₂ | OEt |
| acyl | Н | H | NH ₂ | O-cyclopropyl |
| acyl | Н | Н | NH ₂ | O-acetyl |
| acyl | Н | H | NH ₂ | SH |
| acyl | Н | Н | NH ₂ | SMe |
| acyl | Н | H | NH ₂ | SEt |
| acyl | Н | H | NH ₂ | S-cyclopropyl |
| acyl | H | H | NH ₂ | F |
| acyl | Н | H | NH ₂ | CI |
| acyl | Н | H | NH ₂ | Br |
| acyl | Н | H | NH ₂ | I |
| acyl | acyl | Н | NH ₂ | H |
| acyl | acyl | Н | NH ₂ | NH ₂ |
| acyl | acyl | Н | NH ₂ | NH-cyclopropyl |
| acyl | acyl | Н | NH ₂ | NH-methyl |
| acyl | acyl | Н | NH ₂ | NH-ethyl |
| acyl | acyl | Н | NH ₂ | NH-acetyl |
| acyl | acyl | Н | NH ₂ | OH |
| acyl | acyl | Н | NH ₂ | OMe |
| acyl . | acyl | Н | NH ₂ | OEt |
| acyl | acyl | Н | NH ₂ | O-cyclopropyl |
| acyl | acyl | Н | NH ₂ | O-acetyl |
| acyl | acyl | Н | NH ₂ | SH |
| acyl | acyl | Н | NH ₂ | SMe |
| acyl | acyl | Н | NH ₂ | SEt |
| acyl | acyl | Н | NH ₂ | S-cyclopropyl |
| acyl | acyl | Н | NH ₂ | F |
| acyl | acyl | Н | NH ₂ | Cl |
| acyl | acyl | Н | NH ₂ | Br |
| acyl | acyl | Н | NH ₂ | I |
| acyl | amino acid | Н | NH ₂ | Н |
| acyl | amino acid | Н | NH ₂ | NH ₂ |
| acyl | amino acid | Н | NH ₂ | NH-cyclopropyl |
| acyl | amino acid | Н | NH ₂ | NH-methyl |
| acyl | amino acid | Н | NH ₂ | NH-ethyl |
| acyl | amino acid | Н | NH ₂ | NH-acetyl |
| acyl | amino acid | Н | NH ₂ | ОН |
| acyl | amino acid | Н | NH ₂ | OMe |
| | | | | |
| acyl | amino acid | Н | NH ₂ | OEt |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|-----------------|-----------------|
| acyl | amino acid | Н | NH ₂ | O-acetyl |
| acyl | amino acid | Н | NH ₂ | SH |
| acyl | amino acid | Н | NH ₂ | SMe |
| acyl | amino acid | Н | NH ₂ | SEt |
| acyl | amino acid | Н | NH ₂ | S-cyclopropyl |
| acyl | amino acid | Н | NH ₂ | F |
| acyl | amino acid | Н | NH ₂ | Cl |
| acyl | amino acid | Н | NH ₂ | Br |
| acyl | amino acid | Н | NH ₂ | I |
| Н | acyl | Н | NH ₂ | Н |
| H | acyl | Н | NH ₂ | NH ₂ |
| Н | acyl | Н | NH ₂ | NH-cyclopropyl |
| Н | acyl | Н | NH ₂ | NH-methyl |
| Н | acyl | Н | NH ₂ | NH-ethyl |
| Н | acyl | Н | NH ₂ | NH-acetyl |
| Н | acyl | H | NH ₂ | ОН |
| Н | acyl | Н | NH ₂ | OMe |
| Н | acyl | Н | NH ₂ | OEt |
| Н | acyl | Н | NH ₂ | O-cyclopropyl |
| Н | acyl | H | NH ₂ | O-acetyl |
| Н | acyl | H | NH ₂ | SH |
| Н | acyl | H | NH ₂ | SMe |
| Н | acyl | Н | NH ₂ | SEt |
| Н | acyl | Н | NH ₂ | S-cyclopropyl |
| Н | acyl | Н | NH ₂ | F |
| Н | acyl | Н | NH ₂ | Cl |
| Н | acyl | H | NH ₂ | Br |
| Н | acyl | H | NH ₂ | 1 |
| Н | amino acid | H | NH ₂ | Н |
| Н | amino acid | Н | NH ₂ | NH ₂ |
| Н | amino acid | H | NH ₂ | NH-cyclopropyl |
| Н | amino acid | H | NH ₂ | NH-methyl |
| H | amino acid | Н | NH ₂ | NH-ethyl |
| Н | amino acid | H | NH ₂ | NH-acetyl |
| Н | amino acid | Н | NH ₂ | OH |
| H | amino acid | H | NH ₂ | OMe |
| Н | amino acid | H | NH ₂ | OEt |
| Н | amino acid | H | NH ₂ | O-cyclopropyl |
| Н | amino acid | H | NH ₂ | O-acetyl |
| H | amino acid | H | NH ₂ | SH |
| Н | amino acid | Н | NH ₂ | SMe |
| Н | amino acid | Н | NH ₂ | SEt |
| Н | amino acid | Н | NH ₂ | S-cyclopropyl |
| Н | amino acid | H | NH ₂ | F |
| Н | amino acid | H | NH ₂ | Cl |
| Н | amino acid | H | NH ₂ | Br |
| Н | amino acid | Н | NH ₂ | 1 |

| amino acid amino acid H NH2 H NH2 amino acid amino acid H NH2 NH2 camino acid amino acid H NH2 NH2 NH-eyelopropyl amino acid amino acid H NH2 NH-eyelopropyl amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 NH-acetyl amino acid amino acid H NH2 OH amino acid amino acid H NH2 OH amino acid amino acid H NH2 OME amino acid amino acid H NH2 OEt amino acid amino acid H NH2 O-eyelopropyl amino acid amino acid H NH2 SH SH Amino acid Amino acid H NH2 SH SME Amino acid amino acid H NH2 SH SET Amino acid amino acid H NH2 ST SH Amino acid Amino acid H NH2 ST SH Amino acid Amino acid H NH2 SET Amino acid Amino acid H NH2 SH SH Amino acid Amino acid H NH2 SET Amino acid Amino acid H NH2 SH SH Amino acid Amino acid H NH2 ST SH Amino acid Amino acid H NH2 SH SH Amino acid Amino acid H NH2 ST SH ST SH | R ² | R ³ | X¹ | X² | Y |
|--|----------------|--|-------------|-----------------|-----------------|
| amino acid amino acid H NH2 NH2 amino acid amino acid H NH2 NH-methyl amino acid amino acid H NH2 NH-methyl amino acid amino acid H NH2 NH-methyl amino acid amino acid H NH2 NH-acetyl amino acid amino acid H NH2 OH amino acid amino acid H NH2 OH amino acid amino acid H NH2 OHe amino acid amino acid H NH2 OE amino acid amino acid H NH2 O-eyclopropyl amino acid amino acid H NH2 SMe amino acid amino acid H NH2 SMe amino acid amino acid H NH2 SE amino acid amino acid H NH2 SE amino acid amino acid H NH2 | | | + | | |
| amino acid amino acid H NH2 NH-cyclopropyl amino acid amino acid H NH2 NH-methyl amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 NH-acetyl amino acid amino acid H NH2 OH MH-acetyl amino acid amino acid H NH2 OH MH2 OH MH3 MH3 MH3 MH3 MH3 MH3 MH3 MH3 MH3 MH | | | | | |
| amino acid amino acid H NH2 NH-methyl amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 OH amino acid amino acid H NH2 OMe amino acid amino acid H NH2 OEt Ome amino acid amino acid H NH2 OEt Ome amino acid amino acid H NH2 O-excetyl amino acid amino acid H NH2 SH SH Amino acid amino acid H NH2 SH SME Amino acid amino acid H NH2 SEt Amino acid amino acid H NH2 SEt Amino acid amino acid H NH2 SEt Amino acid amino acid H NH2 F SET Amino acid Amino acid H NH2 Br Amino acid Amino acid H NH2 F SET Amino acid Amino acid H NH2 NH2 SET Amino acid H H NH2 OME Amino acid H H NH2 OME Amino acid H H NH2 SET Amino acid Acyl H NH2 NH2 NH2 SET Amino acid Acyl H NH2 NH2 NH2 SET Amino acid Acyl H NH2 NH2 NH3-cetyl Amino acid Acyl H NH2 NH3- | | | | | |
| amino acid amino acid H NH2 NH-ethyl amino acid amino acid H NH2 OH OMe amino acid amino acid H NH2 OH OMe amino acid amino acid H NH2 OEt amino acid amino acid H NH2 OEt amino acid amino acid H NH2 OEt amino acid amino acid H NH2 O-cyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH SH amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SF Cyclopropyl amino acid amino acid H NH2 SF Coyclopropyl amino acid amino acid H NH2 SF Coyclopropyl amino acid amino acid H NH2 SF Seyclopropyl SF | | | | | |
| amino acid amino acid H NH2 OH amino acid amino acid H NH2 OH amino acid amino acid H NH2 OH amino acid amino acid H NH2 OE amino acid amino acid H NH2 OE amino acid amino acid H NH2 O-cyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH amino acid amino acid H NH2 SH amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid amino acid H NH2 I amino acid amino acid H NH2 I amino acid AM NM2 I amino acid AM NM2 I amino acid H NM2 NM2 I amino acid H NM2 I amino acid H NM2 NM2 NM3 amino acid H NM2 NM4 amino acid H NM3 NM4 amino acid H NM4 NM4 amino acid H NM4 NM4 amino acid H NM4 NM4 NM4 Am4 NM4 NM4 Am4 | | | | | |
| amino acid amino acid H NH2 OH amino acid amino acid H NH2 OEt amino acid amino acid H NH2 OEt amino acid amino acid H NH2 O-eyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH amino acid amino acid H NH2 SSEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SF amino acid amino acid H NH2 SF amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid AH NH2 NH2 amino acid H NH2 NH2 amino acid H NH2 NH2 amino acid H NH2 NH4 amino acid H NH4 NH5 NH4 amino acid H NH5 NH4 NH4 amino acid H NH5 NH4 amino acid H NH6 NH6 amino acid H NH6 NH7 O-excetyl amino acid H NH8 NH8 SH amino acid H NH8 NH8 SH amino acid H NH8 NH8 SH amino acid H NH8 NH8 SEt amino acid H NH8 NH8 SEt amino acid H NH8 SEt amino acid H NH8 NH8 NH8 SET amino acid H NH8 NH8 SET amino acid H NH8 NH8 NH8 NH8 NH8 NH8 NH8 NH8 NH8 N | | | | | |
| amino acid amino acid H NH2 OEt amino acid amino acid amino acid H NH2 O-cyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH SH amino acid amino acid H NH2 SSEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 F SH SET | | | | | |
| amino acid amino acid H NH2 OEt amino acid amino acid H NH2 O-cyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH amino acid amino acid H NH2 SMe amino acid amino acid H NH2 SMe amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 F amino acid amino acid H NH2 F amino acid amino acid H NH2 Br amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid AH NH2 I amino acid H NH2 I amino acid H NH2 NH2 amino acid H NH2 NH3 amino acid H NH3 NH3 amino acid H NH3 NH3 amino acid H NH4 NH4 NH4 amino acid H NH4 NH4 SEt amino acid H NH4 NH4 SEt amino acid H NH4 NH4 SEt amino acid H NH4 NH4 NH4 NH4 amino acid H NH4 NH4 NH4 AM4 AM4 AM4 AM5 | | | | + | |
| amino acid amino acid H NH2 O-cyclopropyl amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH SH amino acid amino acid H NH2 SSE amino acid amino acid H NH2 SSE amino acid amino acid H NH2 SE amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F S-cyclopropyl amino acid amino acid H NH2 F S-cyclopropyl amino acid amino acid H NH2 Br Amino acid amino acid H NH2 Br Amino acid Amino acid H NH2 Br Amino acid Amino acid H NH2 H NH2 H Amino acid H NH2 NH2 NH2 Amino acid H NH2 NH2 NH2 Amino acid H NH2 NH2 NH2 NH2 Amino acid H NH2 NH2 NH2 NH3 | | | | | |
| amino acid amino acid H NH2 O-acetyl amino acid amino acid H NH2 SH SMe amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 Set amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F S-cyclopropyl amino acid amino acid H NH2 Br amino acid amino acid H NH2 Br amino acid amino acid H NH2 Br amino acid amino acid H NH2 I I I I I I I I I I I I I I I I I I I | | | | | |
| amino acid amino acid H NH2 SH amino acid amino acid H NH2 SSE amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SC-cyclopropyl amino acid amino acid H NH2 F amino acid amino acid H NH2 CI amino acid amino acid H NH2 Br amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid AH NH2 H amino acid H NH2 H amino acid H NH2 NH2 amino acid H NH2 OH amino acid H NH2 ONE amino acid H NH2 OSEt amino acid H NH2 NH2 SH amino acid H NH2 SEt amino acid H NH2 NH2 SCI amino acid H NH2 NH2 SCI amino acid H NH2 NH2 NH2 amino acid Acyl H NH2 NH2-cyclopropyl amino acid acyl H NH2 NH2-methyl amino acid acyl H NH2 NH3-methyl amino acid acyl H NH3 NH3- NH3-methyl amino acid acyl H NH3 NH3-methyl amino acid acyl H NH3 NH3-methyl amino acid acyl H NH3 NH3- NH3-methyl amino acid acyl H NH3 NH3- NH3-methyl amino acid acyl H NH3 NH3- OME | | | | | |
| amino acid amino acid H NH2 SEt amino acid amino acid H NH2 SEt amino acid amino acid H NH2 Secyclopropyl amino acid amino acid H NH2 F amino acid amino acid H NH2 F amino acid amino acid H NH2 CI amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid amino acid H NH2 I amino acid H NH2 H amino acid H NH2 H amino acid H NH2 NH2 amino acid H NH2 NH3 amino acid H NH2 NH3 amino acid H NH2 NH4 amino acid H NH2 NH3 amino acid H NH2 NH4 amino acid H NH2 NH4 amino acid H NH2 NH4 amino acid H NH2 NH4 | | | | | |
| amino acid amino acid H NH2 SEt amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F amino acid amino acid H NH2 CI amino acid amino acid H NH2 Br amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid H NH2 H amino acid H NH2 H amino acid H NH2 NH2 amino acid H NH2 NH3 amino acid H NH2 NH2 amino acid H NH2 OH amino acid H NH2 OH amino acid H NH2 OSE amino acid H NH2 O-cyclopropyl amino acid H NH2 SH amino acid H NH2 SH amino acid H NH2 SEt amino acid H NH2 ST amino acid H NH2 ST amino acid H NH2 SEt amino acid H NH2 ST amino acid ACI H NH2 ST amino acid ACI H NH2 NH2 amino acid ACI H NH2 NH3 amino acid ACI H NH3 amino acid ACI H NH4 amino ACI AM1 AM2 AM3 AM3 AM4 | | | | | |
| amino acid amino acid H NH2 S-cyclopropyl amino acid amino acid H NH2 F Amino acid amino acid H NH2 F Amino acid amino acid H NH2 Br Amino acid amino acid H NH2 Br Amino acid Amino acid H NH2 I I Amino acid H NH2 H Amino acid H NH2 NH2 NH2 NH2 NH2 NH3 | | | | | |
| amino acid amino acid H NH2 F amino acid amino acid H NH2 CI amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid H NH2 H amino acid H NH2 H amino acid H NH2 NH2 NH2 amino acid H NH2 NH2 NH3 amino acid H NH2 NH3 amino acid H NH2 NH3 amino acid H NH2 NH4 amino acid H NH2 OH amino acid H NH2 OF amino acid H NH2 NH3 amino acid H NH4 NH4 SH amino acid H NH4 NH4 SH amino acid H NH4 NH4 SH amino acid H NH4 NH4 SEt amino acid H NH4 NH4 SEt amino acid H NH4 NH4 S-cyclopropyl amino acid H NH4 NH4 NH4 S-cyclopropyl amino acid H NH4 NH4 NH4 NH4 NH4 NH4 NH4 NH4 NH4 N | | | | | |
| amino acid amino acid H NH2 CI amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid H NH2 H amino acid H NH2 H amino acid H NH2 NH2 NH2 amino acid H NH2 NH2 NH-cyclopropyl amino acid H NH2 NH2 NH-ethyl amino acid H NH2 NH2 NH-ethyl amino acid H NH2 NH2 NH-acetyl amino acid H NH2 NH2 OH amino acid H NH2 NH2 NH2 OH amino acid H NH2 NH2 OF amino acid H NH2 NH2 NH2 NH2 amino acid H NH2 NH2 NH2 NH2 amino acid H NH2 NH2 SH amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 SC-cyclopropyl amino acid H NH2 SC-cyclopropyl amino acid H NH2 NH2 SC-cyclopropyl amino acid H NH2 NH2 S-cyclopropyl amino acid H NH2 NH2 NH2 amino acid H NH2 NH2 NH2 amino acid A NH2 NH2 NH3 amino acid A NH2 NH3 NH3 amino acid A NH3 NH3 NH3 NH3 amino acid A NH3 NH3 NH3 NH3 NH3 amino acid A NH3 | | | | • | |
| amino acid amino acid H NH2 Br amino acid amino acid H NH2 I amino acid H H NH2 H amino acid H H NH2 NH2 NH2 amino acid H H NH2 NH2 NH3 amino acid H H NH2 NH4 NH2 NH3 amino acid H H NH2 NH4 | | | | | |
| amino acid amino acid H NH2 I amino acid H H NH2 H amino acid H H NH2 NH2 NH2 amino acid H H NH2 NH2 NH-cyclopropyl amino acid H H NH2 NH2 NH-methyl amino acid H H NH2 NH2 NH-ethyl amino acid H H NH2 NH2 NH-acetyl amino acid H H NH2 NH2 NH-acetyl amino acid H H NH2 OH amino acid H H NH2 OH amino acid H H NH2 OEt amino acid H H NH2 O-cyclopropyl amino acid H H NH2 O-cyclopropyl amino acid H H NH2 SH amino acid H NH2 SH amino acid H NH2 SH amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 S-cyclopropyl amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 NH2 S-cyclopropyl amino acid H NH2 NH2 NH2 amino acid ACI H NH2 NH3 amino acid ACI H NH3 NH4 amino acid ACI H NH3 NH4 amino acid ACI H NH3 NH4 amino acid ACI H NH4 NH4 NH4 AM4 NH5 NH5 AM5 | | | | | |
| amino acid H H NH2 H amino acid H H NH2 NH2 NH2 amino acid H H NH2 NH2 NH-cyclopropyl amino acid H H NH2 NH2 NH-methyl amino acid H H NH2 NH2 NH-ethyl amino acid H H NH2 NH2 NH-acetyl amino acid H H NH2 OH amino acid H H NH2 OH amino acid H H NH2 OH amino acid H H NH2 OEt amino acid H H NH2 O-cyclopropyl amino acid H H NH2 O-cyclopropyl amino acid H H NH2 SH amino acid H H NH2 SH amino acid H H NH2 SEt amino acid H H NH2 SEt amino acid H H NH2 S-cyclopropyl amino acid H H NH2 H NH2 I amino acid H H NH2 H amino acid Acyl H NH2 NH2 amino acid Acyl H NH2 NH-cyclopropyl amino acid Acyl H NH2 NH-methyl amino acid Acyl H NH2 NH-methyl amino acid Acyl H NH2 NH-methyl amino acid Acyl H NH2 NH-acetyl amino acid Acyl H NH2 OH | | | | | |
| amino acid H H NH2 NH2 NH-cyclopropyl amino acid H H NH2 NH-cyclopropyl amino acid H H NH2 NH-methyl amino acid H H NH2 NH-acetyl amino acid H H NH2 NH-acetyl amino acid H H NH2 OH amino acid H H NH2 OH amino acid H H NH2 OEt amino acid H H NH2 OEt amino acid H H NH2 O-cyclopropyl amino acid H H NH2 O-cyclopropyl amino acid H H NH2 SH amino acid H H NH2 SH amino acid H H NH2 SEt amino acid H H NH2 SEt amino acid Acyl H NH2 NH2 NH2 NH2 Amino acid Acyl H NH2 NH2 NH2 NH3 Amino acid Acyl H NH2 NH3 | | | | | _ |
| amino acid H H NH2 NH-cyclopropyl amino acid H H NH2 NH-methyl amino acid H H NH2 NH-ethyl amino acid H H NH2 NH-acetyl amino acid H H NH2 NH-acetyl amino acid H H NH2 OH Amino acid H H NH2 OH Amino acid H H NH2 OEt Amino acid H H NH2 O-cyclopropyl amino acid H H NH2 O-acetyl amino acid H H NH2 O-acetyl amino acid H H NH2 SH Amino acid H H NH2 SH Amino acid H H NH2 SEt Amino acid H H NH2 SEt Amino acid H H NH2 SEt Amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F Amino acid H H NH2 F Amino acid H H NH2 F Amino acid H H NH2 Br Amino acid H H NH2 H Amino acid H H NH2 H Amino acid Amino acid Amino acid H H NH2 H Amino acid Amino | | | | | |
| amino acid H H NH2 NH-methyl amino acid H H NH2 NH-ethyl amino acid H H NH2 NH-acetyl amino acid H H NH2 OH Amino acid H H NH2 OMe amino acid H NH2 OEt Amino acid H NH2 OEt Amino acid H NH2 OEt Amino acid H NH2 O-cyclopropyl amino acid H NH2 O-acetyl Amino acid H NH2 O-acetyl Amino acid H NH2 SH Amino acid H NH2 SH Amino acid H NH2 SEt Amino acid Acyl H NH2 NH2 NH2 Amino acid Acyl H NH2 NH2 NH2 Amino acid Acyl H NH2 NH2 NH3 NH3 Amino acid Acyl H NH2 NH3 | | | | | 1. – |
| amino acid H H NH2 NH-ethyl amino acid H NH2 NH-acetyl NH-acetyl amino acid H NH2 NH2 OH Amino acid H NH2 OMe Amino acid H NH2 OMe Amino acid H NH2 OEt Amino acid H NH2 OEt Amino acid H NH2 O-cyclopropyl Amino acid H NH2 O-acetyl Amino acid H NH2 SH Amino acid H NH2 SH Amino acid H NH2 SMe Amino acid H NH2 SEt Amino acid Acyl H NH2 NH2 NH2 Amino acid Acyl H NH2 NH2 NH2 Amino acid Acyl H NH2 NH2 NH3 | | | | | |
| amino acid H H NH2 NH-acetyl amino acid H NH2 OH amino acid H NH2 OMe amino acid H NH2 OEt amino acid H NH2 OEt amino acid H NH2 O-cyclopropyl amino acid H NH2 O-acetyl amino acid H NH2 SH amino acid H NH2 SH amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 F amino acid H NH2 F amino acid H NH2 Br amino acid H NH2 H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OH | | | | | |
| amino acid H H NH2 OH amino acid H H NH2 OMe amino acid H NH2 OEt amino acid H NH2 O-cyclopropyl amino acid H NH2 O-cyclopropyl amino acid H NH2 O-acetyl amino acid H NH2 SH amino acid H NH2 SMe amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 F amino acid H NH2 F amino acid H NH2 Br amino acid H NH2 Br amino acid A NH2 NH2 I amino acid A NH2 NH2 NH2 amino acid A NH2 NH2 NH2 amino acid A NH2 NH2 amino acid A NH2 NH2 amino acid A NH2 NH3 amino acid A NH3 NH3 NH3 amino acid A NH3 NH3 NH3 NH3 amino acid A NH3 NH3 NH3 NH3 amino acid A A NH3 | | | | | |
| amino acid H H NH2 OMe amino acid H H NH2 OEt amino acid H H NH2 O-cyclopropyl amino acid H H NH2 O-acetyl amino acid H H NH2 SH amino acid H H NH2 SMe amino acid H H NH2 SEt amino acid H H NH2 SEt amino acid H H NH2 S-cyclopropyl amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F amino acid H H NH2 Br amino acid H H NH2 I amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-rethyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH | | | | | |
| amino acid H NH2 OEt amino acid H NH2 O-cyclopropyl amino acid H NH2 O-acetyl amino acid H NH2 SH amino acid H NH2 SMe amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 S-cyclopropyl amino acid H NH2 F amino acid H NH2 CI amino acid H NH2 Br amino acid H NH2 I amino acid ACYL H NH2 NH2 amino acid ACYL H NH2 NH2 amino acid ACYL H NH2 NH-cyclopropyl amino acid ACYL H NH2 NH-methyl amino acid ACYL H NH2 NH-methyl amino acid ACYL H NH2 NH-acetyl amino acid ACYL H NH2 NH-acetyl amino acid ACYL H NH2 OH | | | | | |
| amino acid H NH2 O-cyclopropyl amino acid H NH2 O-acetyl | | Н | | | |
| amino acid H H NH2 O-acetyl amino acid H NH2 SH amino acid H NH2 SMe amino acid H NH2 SEt amino acid H NH2 SEt amino acid H NH2 S-cyclopropyl amino acid H NH2 F amino acid H NH2 F amino acid H NH2 CI amino acid H NH2 Br amino acid H NH2 H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | | | Н | | O-cyclopropyl |
| amino acid H H NH2 SH amino acid H H NH2 SMe amino acid H H NH2 SEt amino acid H H NH2 SEt amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F amino acid H H NH2 CI amino acid H H NH2 Br amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | | |
| amino acid H H NH2 SEt amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F amino acid H H NH2 CI amino acid H H NH2 Br amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH4 amino acid acyl H NH4 NH4 amino acid acyl H NH4 NH4 amino acid acyl H NH4 NH4 NH4 amino acid acyl H NH4 OM4 amino acid acyl H NH4 OM6 | amino acid | Н | Н | | |
| amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F amino acid H H NH2 Cl amino acid H H NH2 Br amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | NH ₂ | SMe |
| amino acid H H NH2 S-cyclopropyl amino acid H H NH2 F amino acid H H NH2 Cl amino acid H H NH2 Br amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | NH ₂ | SEt |
| amino acid H H NH2 F amino acid H H NH2 Cl amino acid H NH2 Br amino acid H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OH | amino acid | Н | Н | | S-cyclopropyl |
| amino acid H H NH2 Cl amino acid H H NH2 Br amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | NH ₂ | |
| amino acid H H NH2 I amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | | Cl |
| amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | H | Н | NH ₂ | Br |
| amino acid acyl H NH2 H amino acid acyl H NH2 NH2 amino acid acyl H NH2 NH-cyclopropyl amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | Н | Н | | I |
| amino acidacylHNH2NH2amino acidacylHNH2NH-cyclopropylamino acidacylHNH2NH-methylamino acidacylHNH2NH-ethylamino acidacylHNH2NH-acetylamino acidacylHNH2OHamino acidacylHNH2OMe | amino acid | acyl | Н | | Н |
| amino acidacylHNH2NH-cyclopropylamino acidacylHNH2NH-methylamino acidacylHNH2NH-ethylamino acidacylHNH2NH-acetylamino acidacylHNH2OHamino acidacylHNH2OMe | amino acid | | Н | | NH ₂ |
| amino acid acyl H NH2 NH-methyl amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OH | amino acid | | Н | | |
| amino acid acyl H NH2 NH-ethyl amino acid acyl H NH2 NH-acetyl amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | | | Н | | |
| amino acidacylHNH2NH-acetylamino acidacylHNH2OHamino acidacylHNH2OMe | | | Н | | |
| amino acid acyl H NH2 OH amino acid acyl H NH2 OMe | amino acid | | Н | | |
| amino acid acyl H NH ₂ OMe | | | Н | | |
| | | | | | |
| amino acid acyl H NH ₂ OEt | amino acid | | H | | OEt |

PC1 / 10 0 3 / 0 0 0 .

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|-----------------|-----------------|-----------------|
| amino acid | acyl | Н | NH ₂ | O-cyclopropyl |
| amino acid | acyl | Н | NH ₂ | O-acetyl |
| amino acid | acyl | Н | NH ₂ | SH |
| amino acid | acyl | Н | NH ₂ | SMe |
| amino acid | acyl | H | NH ₂ | SEt |
| amino acid | acyl | H | NH ₂ | S-cyclopropyi |
| amino acid | acyl | H | NH ₂ | F |
| amino acid | acyl | H | NH ₂ | Cl |
| amino acid | acyl | H | NH ₂ | Br |
| amino acid | acyl | H | NH ₂ | 1 |
| acyl | Н | NH ₂ | NH ₂ | H |
| acyl | H | NH ₂ | NH ₂ | NH ₂ |
| acyl | H | NH ₂ | NH ₂ | NH-cyclopropyl |
| acyl | H | NH ₂ | NH ₂ | NH-methyl |
| acyl | H | NH ₂ | NH ₂ | NH-ethyl |
| acyl | H, | NH ₂ | NH ₂ | NH-acetyl |
| acyl | H | NH ₂ | NH ₂ | OH OH |
| acyl | H | NH ₂ | NH ₂ | OMe |
| acyl | H | NH ₂ | NH ₂ | OEt |
| acyl | H | NH ₂ | NH ₂ | O-cyclopropyl |
| acyl | Н | NH ₂ | NH ₂ | O-acetyl |
| acyl | Н | NH ₂ | NH ₂ | SH |
| acyl | Н | NH ₂ | NH ₂ | SMe |
| acyl | Н | NH ₂ | NH ₂ | SEt |
| acyl | H | NH ₂ | NH ₂ | S-cyclopropyl |
| acyl | Н | NH ₂ | NH ₂ | F |
| acyl | Н | NH ₂ | NH ₂ | Cl |
| acyl | Н | NH ₂ | NH ₂ | Br |
| acyl | Н | NH ₂ | NH ₂ | I |
| acyl | acyl | NH ₂ | NH ₂ | H |
| acyl | acyl | NH ₂ | NH ₂ | NH ₂ |
| acyl | acyl | NH ₂ | NH ₂ | NH-cyclopropyl |
| acyl | acyl | NH ₂ | NH ₂ | NH-methyl |
| acyl | acyl | NH ₂ | NH ₂ | NH-ethyl |
| acyl | acyl | NH ₂ | NH ₂ | NH-acetyl |
| acyl | acyl | NH ₂ | NH ₂ | OH OH |
| acyl | acyl | NH ₂ | NH ₂ | OMe |
| acyl | acyl | NH ₂ | NH ₂ | OEt |
| acyl | acyl | NH ₂ | NH ₂ | O-cyclopropyl |
| acyl | acyl | NH ₂ | NH ₂ | O-acetyl |
| acyl | acyl | NH ₂ | NH ₂ | SH |
| acyl | acyl | NH ₂ | NH ₂ | SMe |
| acyl | acyl | NH ₂ | NH ₂ | SEt |
| acyl | acyl | NH ₂ | NH ₂ | S-cyclopropyl |
| | acyl | NH ₂ | NH ₂ | F |
| acyl | | NH ₂ | NH ₂ | Cl |
| acyl | acyl | | | Br |
| acyl | acyl | NH ₂ | NH ₂ | DI |

| R ² | R ³ | X¹ | X² | Y |
|----------------|----------------|-----------------|-----------------|-----------------|
| acyl | acyl | NH ₂ | NH ₂ | 1 |
| acyl | amino acid | NH ₂ | NH ₂ | Н |
| acyl | amino acid | NH ₂ | NH ₂ | NH ₂ |
| acyl | amino acid | NH ₂ | NH ₂ | NH-cyclopropyl |
| acyl | amino acid | NH ₂ | NH ₂ | NH-methyl |
| acyl | amino acid | NH ₂ | NH ₂ | NH-ethyl |
| acyl | amino acid | NH ₂ | NH ₂ | NH-acetyl |
| acyl | amino acid | NH ₂ | NH ₂ | ОН |
| acyl | amino acid | NH ₂ | NH ₂ | OMe |
| acyl | amino acid | NH ₂ | NH ₂ | OEt |
| acyl | amino acid | NH ₂ | NH ₂ | O-cyclopropyl |
| acyl | amino acid | NH ₂ | NH ₂ | O-acetyl |
| acyl | amino acid | NH ₂ | NH ₂ | SH |
| acyl | amino acid | NH ₂ | NH ₂ | SMe |
| acyl | amino acid | NH ₂ | NH ₂ | SEt |
| acyl | amino acid | NH ₂ | NH ₂ | S-cyclopropyl |
| acyl | amino acid | NH ₂ | NH ₂ | F |
| acyl | amino acid | NH ₂ | NH ₂ | Cl |
| acyl | amino acid | NH ₂ | NH ₂ | Br |
| acyl | amino acid | NH ₂ | NH ₂ | I |
| Н | acyl | NH ₂ | NH ₂ | Н |
| Н | acyl | NH ₂ | NH ₂ | NH ₂ |
| Н | acyl | NH ₂ | NH ₂ | NH-cyclopropyl |
| Н | acyl | NH ₂ | NH ₂ | NH-methyl |
| Н | acyl . | NH ₂ | NH ₂ | NH-ethyl |
| H | acyl | NH ₂ | NH ₂ | NH-acetyl |
| Н | acyl | NH ₂ | NH ₂ | ОН |
| Н | acyl | NH ₂ | NH ₂ | OMe |
| Н | acyl | NH ₂ | NH ₂ | OEt |
| H | acyl | NH ₂ | NH ₂ | O-cyclopropyl |
| Н | acyl | NH ₂ | NH ₂ | O-acetyl |
| H | acyl | NH ₂ | NH ₂ | SH |
| Н | acyl | NH ₂ | NH ₂ | SMe |
| Н | acyl | NH ₂ | NH ₂ | SEt |
| Н | acyl | NH ₂ | NH ₂ | S-cyclopropyl |
| H | acyl | NH ₂ | NH ₂ | F |
| Н | acyl | NH ₂ | NH ₂ | Cl |
| H | acyl | NH ₂ | NH ₂ | Br |
| Н | acyl | NH ₂ | NH ₂ | I |
| H | amino acid | NH ₂ | NH ₂ | Н |
| Н | amino acid | NH ₂ | NH ₂ | NH ₂ |
| Н | amino acid | NH ₂ | NH ₂ | NH-cyclopropyl |
| H | amino acid | NH ₂ | NH ₂ | NH-methyl |
| Н | amino acid | NH ₂ | NH ₂ | NH-ethyl |
| H | amino acid | NH ₂ | NH ₂ | NH-acetyl |
| Н | amino acid | NH ₂ | NH ₂ | ОН |
| H | amino acid | NH ₂ | NH ₂ | OMe |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|-----------------|-----------------|-----------------|
| H | amino acid | NH ₂ | NH ₂ | OEt |
| H | amino acid | NH ₂ | NH ₂ | O-cyclopropyl |
| H | amino acid | NH ₂ | NH ₂ | O-acetyl |
| H | amino acid | NH ₂ | NH ₂ | SH |
| H | | | | |
| | amino acid | NH ₂ | NH ₂ | SMe |
| H | amino acid | NH ₂ | NH ₂ | SEt |
| Н | amino acid | NH ₂ | NH ₂ | S-cyclopropyl |
| H | amino acid | NH ₂ | NH ₂ | F |
| H | amino acid | NH ₂ | NH ₂ | Cl |
| H | amino acid | NH ₂ | NH ₂ | Br |
| H | amino acid | NH ₂ | NH ₂ | I |
| amino acid | amino acid | NH ₂ | NH ₂ | Н |
| amino acid | amino acid | NH ₂ | NH ₂ | NH ₂ |
| amino acid | amino acid | NH ₂ | NH ₂ | NH-cyclopropyl |
| amino acid | amino acid | NH ₂ | NH ₂ | NH-methyl |
| amino acid | amino acid | NH ₂ | NH ₂ | NH-ethyl |
| amino acid | amino acid | NH ₂ | NH ₂ | NH-acetyl |
| amino acid | amino acid | NH ₂ | NH ₂ | ОН |
| amino acid | amino acid | NH ₂ | NH ₂ | OMe |
| amino acid | amino acid | NH ₂ | NH ₂ | OEt |
| amino acid | amino acid | NH ₂ | NH ₂ | O-cyclopropyl |
| amino acid | amino acid | NH ₂ | NH ₂ | O-acetyl |
| amino acid | amino acid | NH ₂ | NH ₂ | SH |
| amino acid | amino acid | NH ₂ | NH ₂ | SMe |
| amino acid | amino acid | NH ₂ | NH ₂ | SEt |
| amino acid | amino acid | NH ₂ | NH ₂ | S-cyclopropyl |
| amino acid | amino acid | NH ₂ | NH ₂ | F |
| amino acid | amino acid | NH ₂ | NH ₂ | Cl |
| amino acid | amino acid | NH ₂ | NH ₂ | Br |
| amino acid | amino acid | NH ₂ | NH ₂ | I |
| amino acid | Н | NH ₂ | NH ₂ | Н |
| amino acid | Н | NH ₂ | NH ₂ | NH ₂ |
| amino acid | Н | NH ₂ | NH ₂ | NH-cyclopropyl |
| amino acid | Н | NH ₂ | NH ₂ | NH-methyl |
| amino acid | Н | NH ₂ | NH ₂ | NH-ethyl |
| amino acid | Н | NH ₂ | NH ₂ | NH-acetyl |
| amino acid | Н | NH ₂ | NH ₂ | ОН |
| amino acid | Н | NH ₂ | NH ₂ | OMe |
| amino acid | Н | NH ₂ | NH ₂ | OEt |
| amino acid | Н | NH ₂ | NH ₂ | O-cyclopropyl |
| amino acid | Н | NH ₂ | NH ₂ | O-acetyl |
| amino acid | H | NH ₂ | NH ₂ | SH |
| amino acid | Н | NH ₂ | NH ₂ | SMe |
| amino acid | H | NH ₂ | NH ₂ | SEt |
| amino acid | H | NH ₂ | NH ₂ | S-cyclopropyl |
| amino acid | H | NH ₂ | NH ₂ | F S-cyclopropyr |
| amino acid | H | NH ₂ | NH ₂ | Cl |
| amino aciu | 111 | 11/11/2 | 14172 | 01 |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|-----------------|-----------------|-----------------|
| amino acid | H | NH ₂ | NH ₂ | Br |
| amino acid | H | NH ₂ | NH ₂ | I |
| amino acid | acyl | NH ₂ | NH ₂ | H |
| amino acid | acyl | NH ₂ | NH ₂ | NH ₂ |
| | | NH ₂ | NH ₂ | |
| amino acid | acyl | | | NH-cyclopropyl |
| amino acid | acyl | NH ₂ | NH ₂ | NH-methyl |
| | acyl | NH ₂ | NH ₂ | NH-ethyl |
| amino acid | acyl | NH ₂ | NH ₂ | NH-acetyl |
| amino acid | acyl | NH ₂ | NH ₂ | OH |
| amino acid | acyl | NH ₂ | NH ₂ | OMe |
| amino acid | acyl | NH ₂ | NH ₂ | OEt |
| amino acid | acyl | NH ₂ | NH ₂ | O-cyclopropyl |
| amino acid | acyl | NH ₂ | NH ₂ | O-acetyl |
| amino acid | acyl | NH ₂ | NH ₂ | SH |
| amino acid | acyl | NH ₂ | NH ₂ | SMe |
| amino acid | acyl | NH ₂ | NH ₂ | SEt |
| amino acid | acyl | NH ₂ | NH ₂ | S-cyclopropyl |
| amino acid | acyl | NH ₂ | NH ₂ | F |
| amino acid | acyl | NH ₂ | NH ₂ | Cl |
| amino acid | acyl | NH ₂ | NH ₂ | Br |
| amino acid | acyl | NH ₂ | NH ₂ | I |
| acyl | H | OH | NH ₂ | H |
| acyl | H | OH | NH ₂ | NH ₂ |
| acyl | H | OH | NH ₂ | NH-cyclopropyl |
| acyl | H | OH | NH ₂ | NH-methyl |
| acyl | H | OH | NH ₂ | NH-ethyl |
| acyl | | OH | NH ₂ | NH-acetyl |
| acyl | H | OH | NH ₂ | OH |
| acyl | H | OH | NH ₂ | OMe |
| acyl | H | OH | NH ₂ | OEt |
| acyl | H | OH | NH ₂ | O-cyclopropyl |
| acyl | H | OH | NH ₂ | O-acetyl |
| acyl | | OH | NH ₂ | SH |
| acyl | H | OH OH | NH ₂ | SMe SEt |
| acyl | Н | | | |
| acyl | | OH | NH ₂ | S-cyclopropyl |
| acyl | H | OH | NH ₂ | F |
| acyl | H | OH | NH ₂ | Cl |
| acyl | H | OH | NH ₂ | Br |
| acyl | H | OH | NH ₂ | I |
| acyl | acyl | OH | NH ₂ | H |
| acyl | acyl | OH | NH ₂ | NH ₂ |
| acyl | acyl | OH | NH ₂ | NH-cyclopropyl |
| acyl | acyl | OH | NH ₂ | NH-methyl |
| acyl | acyl | OH | NH ₂ | NH-ethyl |
| acyl | acyl | OH | NH ₂ | NH-acetyl |
| acyl | acyl | ОН | NH ₂ | ОН |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|-----------------|-----------------|
| | | OH | NH ₂ | OMe |
| acyl | acyl | OH | NH ₂ | OEt |
| acyl | acyl | OH | | |
| acyl | acyl | | NH ₂ | O-cyclopropyl |
| acyl | acyl | OH | NH ₂ | O-acetyl |
| acyl | acyl | OH | NH ₂ | SH |
| acyl | acyl | OH | NH ₂ | SMe |
| acyl | acyl | OH | NH ₂ | SEt |
| acyl | acyl | OH | NH ₂ | S-cyclopropyl |
| acyl | acyl | ОН | NH ₂ | F |
| acyl | acyl | OH | NH ₂ | Cl |
| acyl | acyl | ОН | NH ₂ | Br |
| acyl | acyl | OH | NH ₂ | I |
| acyl | amino acid | ОН | NH ₂ | H |
| acyl | amino acid | ОН | NH ₂ | NH ₂ |
| acyl | amino acid | OH | NH ₂ | NH-cyclopropyl |
| acyl | amino acid | ОН | NH ₂ | NH-methyl |
| acyl | amino acid | ОН | NH ₂ | NH-ethyl |
| acyl | amino acid | ОН | NH ₂ | NH-acetyl |
| acyl | amino acid | ОН | NH ₂ | OH |
| acyl | amino acid | ОН | NH ₂ | ОМе |
| acyl | amino acid | ОН | NH ₂ | OEt |
| acyl | amino acid | ОН | NH ₂ | O-cyclopropyl |
| acyl | amino acid | ОН | NH ₂ | O-acetyl |
| acyl | amino acid | ОН | NH ₂ | SH |
| acyl | amino acid | ОН | NH ₂ | SMe |
| acyl | amino acid | ОН | NH ₂ | SEt |
| acyl | amino acid | ОН | NH ₂ | S-cyclopropyl |
| acyl | amino acid | ОН | NH ₂ | F |
| acyl | amino acid | ОН | NH ₂ | Cl |
| acyl | amino acid | ОН | NH ₂ | Br |
| acyl | amino acid | ОН | NH ₂ | I |
| Н | acyl | ОН | NH ₂ | Н |
| H | acyl | ОН | NH ₂ | NH ₂ |
| Н | acyl | ОН | NH ₂ | NH-cyclopropyl |
| Н | acyl | ОН | NH ₂ | NH-methyl |
| Н | acyl | OH | NH ₂ | NH-ethyl |
| Н | acyl | OH | NH ₂ | NH-acetyl |
| Н | acyl | ОН | NH ₂ | ОН |
| Н | acyl | ОН | NH ₂ | OMe |
| Н | acyl | ОН | NH ₂ | OEt |
| Н | acyl | OH | NH ₂ | O-cyclopropyl |
| Н | acyl | ОН | NH ₂ | O-acetyl |
| H | acyl | ОН | NH ₂ | SH |
| Н | acyl | ОН | NH ₂ | SMe |
| Н | acyl | ОН | NH ₂ | SEt |
| Н | acyl | ОН | NH ₂ | S-cyclopropyl |
| Н | acyl | ОН | NH ₂ | F |
| | | | | |

| [m² | 1 703 | 1 471 | 1 7.2 | 1 77 |
|----------------|----------------|-------|-----------------|-----------------|
| R ² | R ³ | XI | X ² | Y |
| H | acyl | OH | NH ₂ | Cl |
| H | acyl | OH | NH ₂ | Br |
| H | acyl | OH | NH ₂ | I |
| Н | amino acid | ОН | NH ₂ | Н |
| Н | amino acid | OH | NH ₂ | NH ₂ |
| Н | amino acid | OH | NH ₂ | NH-cyclopropyl |
| Н | amino acid | ОН | NH ₂ | NH-methyl |
| Н | amino acid | ОН | NH ₂ | NH-ethyl |
| Н | amino acid | OH | NH ₂ | NH-acetyl |
| Н | amino acid | OH | NH ₂ | OH |
| H | amino acid | OH | NH ₂ | ОМе |
| Н | amino acid | ОН | NH ₂ | OEt |
| H | amino acid | OH | NH ₂ | O-cyclopropyl |
| Н | amino acid | OH | NH ₂ | O-acetyl |
| Н | amino acid | OH | NH ₂ | SH |
| H | amino acid | OH | NH ₂ | SMe |
| Н | amino acid | OH | NH ₂ | SEt |
| H | amino acid | OH | NH ₂ | S-cyclopropyl |
| H | amino acid | OH | NH ₂ | F |
| Н | amino acid | OH | NH ₂ | Cl |
| Н | amino acid | OH | NH ₂ | Br |
| Н | amino acid | OH | NH ₂ | I |
| amino acid | amino acid | OH | NH ₂ | Н |
| amino acid | amino acid | OH | NH ₂ | NH ₂ |
| amino acid | amino acid | OH | NH ₂ | NH-cyclopropyl |
| amino acid | amino acid | OH | NH ₂ | NH-methyl |
| amino acid | amino acid | OH | NH ₂ | NH-ethyl |
| amino acid | amino acid | OH | NH ₂ | NH-acetyl |
| amino acid | amino acid | OH | NH ₂ | ОН |
| amino acid | amino acid | OH | NH ₂ | OMe |
| amino acid | amino acid | OH | NH ₂ | OEt |
| amino acid | amino acid | OH | NH ₂ | O-cyclopropyl |
| amino acid | amino acid | OH | NH ₂ | O-acetyl |
| amino acid | amino acid | OH | NH ₂ | SH |
| amino acid | amino acid | ОН | NH ₂ | SMe |
| amino acid | amino acid | OH | NH ₂ | SEt |
| amino acid | amino acid | . OH | NH ₂ | S-cyclopropyl |
| amino acid | amino acid | OH | NH ₂ | F |
| amino acid | amino acid | ОН | NH ₂ | Cl |
| amino acid | amino acid | ОН | NH ₂ | Br |
| amino acid | amino acid | OH | NH ₂ | I |
| amino acid | Н | OH | NH ₂ | Н |
| amino acid | Н | OH | NH ₂ | NH ₂ |
| amino acid | Н | OH | NH ₂ | NH-cyclopropyl |
| amino acid | Н | OH | NH ₂ | NH-methyl |
| amino acid | Н | ОН | NH ₂ | NH-ethyl |
| amino acid | Н | ОН | NH ₂ | NH-acetyl |
| | | | | 1 |

| R ² | R ³ | XI | X ² | Y |
|---------------------------------------|----------------|----|------------------------------------|-----------------------|
| amino acid | H | ОН | NH ₂ | OH |
| amino acid | H | OH | NH ₂ | OMe |
| amino acid | H | OH | NH ₂ | OEt |
| amino acid | Н | ОН | NH ₂ | O-cyclopropyl |
| amino acid | H | ОН | NH ₂ | O-acetyl |
| amino acid | Н | OH | NH ₂ | SH |
| amino acid | Н | OH | NH ₂ | SMe |
| amino acid | H | ОН | NH ₂ | SEt |
| amino acid | H | OH | NH ₂ | S-cyclopropyi |
| amino acid | H | OH | NH ₂ | F |
| amino acid | H | OH | NH ₂ | Cl |
| amino acid | H | OH | NH ₂ | Br |
| amino acid | H | OH | NH ₂ | l I |
| amino acid | } | OH | NH ₂ | H |
| amino acid | acyl | OH | NH ₂ | NH ₂ |
| amino acid | acyl | OH | NH ₂ | NH-cyclopropyl |
| amino acid | acyl | OH | NH ₂ | |
| amino acid | acyl | OH | NH ₂ | NH-methyl NH-ethyl |
| amino acid | acyl | OH | NH ₂ | NH-acetyl |
| amino acid | acyl | OH | NH ₂ | OH |
| amino acid | acyl | OH | NH ₂ | OMe |
| amino acid | acyl | OH | NH ₂ | OEt |
| amino acid | acyl | OH | | |
| · · · · · · · · · · · · · · · · · · · | acyl | OH | NH ₂ | O-cyclopropyl |
| amino acid amino acid | acyl | OH | NH ₂ | O-acetyl SH |
| | acyl | OH | NH ₂ | SMe |
| amino acid | acyl | OH | | SEt |
| | acyl | OH | NH ₂ | |
| amino acid amino acid | acyl | OH | NH ₂ | S-cyclopropyl F |
| | acyl | OH | NH ₂ | Cl |
| amino acid | acyl | OH | | Br |
| amino acid | acyl | OH | NH ₂ NH ₂ | I |
| amino acid | acyl H | ОН | H | H |
| acyl | Н | ОН | Н | NH ₂ |
| acyl | Н | ОН | Н | NH-cyclopropyl |
| acyl | Н | ОН | H | |
| acyl | H | ОН | H | NH-methyl |
| acyl | H | OH | H H | NH-ethyl NH-acetyl |
| acyl | Н | | | |
| acyl | H | OH | Н | OH OMe |
| acyl | | OH | H | |
| acyl | H | ОН | H | OEt |
| acyl | H | ОН | H | O-cyclopropyl |
| acyl | H | OH | Н | O-acetyl |
| acyl | H | OH | H | SH |
| acyl | Н | OH | H | SMe |
| acyl | H | OH | H | SEt |
| acyl | Н | OH | Н | S-cyclopropyl |

| \mathbb{R}^2 | R ³ | X ¹ | X ² | TY |
|----------------|----------------|----------------|----------------|-----------------|
| acyl | H | OH | H | F |
| acyl | H | OH | H | CI |
| acyl | H | OH | H | Br |
| | H | OH | H | I |
| acyl | | | | H |
| acyl | acyl | OH | H | |
| acyl | acyl | OH | H | NH ₂ |
| acyl | acyl | OH | H | NH-cyclopropyl |
| acyl | acyl | OH | H | NH-methyl |
| acyl | acyl | OH | H | NH-ethyl |
| acyl | acyl | OH | H | NH-acetyl |
| acyl | acyl | ОН | Н | ОН |
| acyl | acyl | ОН | Н | OMe |
| acyl | acyl | ОН | H | OEt |
| acyl | acyl | OH | H | O-cyclopropyl |
| acyl | acyl | OH | H | O-acetyl |
| acyl | acyl | ОН | H | SH |
| acyl | acyl | OH | Н | SMe |
| acyl | acyl | OH | H | SEt |
| acyl | acyl | OH | Н | S-cyclopropyl |
| acyl | acyl | OH | H | F |
| acyl | acyl | OH | Н | Cl |
| acyl | acyl | OH | H | Br |
| acyl | acyl | OH | Н | I |
| acyl | amino acid | OH | H | Н |
| acyl | amino acid | OH | H | NH ₂ |
| acyl | amino acid | ОН | Н | NH-cyclopropyl |
| acyl | amino acid | OH | H | NH-methyl |
| acyl | amino acid | OH | Н | NH-ethyl |
| acyl | amino acid | OH | H | NH-acetyl |
| acyl | amino acid | OH | Н | OH |
| acyl | amino acid | OH | Н | OMe |
| acyl | amino acid | OH | Н | OEt |
| acyl | amino acid | OH | Н | O-cyclopropyl |
| acyl | amino acid | ОН | Н | O-acetyl |
| acyl | amino acid | OH | Н | SH |
| acyl | amino acid | OH | Н | SMe |
| acyl | amino acid | OH | Н | SEt |
| acyl | amino acid | ОН | Н | S-cyclopropyl |
| acyl | amino acid | ОН | H | F |
| acyl | amino acid | ОН | Н | Cl |
| acyl | amino acid | OH | H | Br |
| acyl | amino acid | OH | H | TI. |
| H | acyl | OH | H | H |
| H | acyl | OH | H | NH ₂ |
| Н | acyl | OH | H | NH-cyclopropyl |
| H | acyl | OH | H | NH-methyl |
| H | acyl | OH | H | NH-ethyl |
| П | 1 acyi | TOU | lu | Tivu-eniki |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| H | acyl | OH | H | NH-acetyl |
| H | acyl | OH | H | OH OH |
| H | acyl | OH | H | OMe |
| H | | OH | H | OEt |
| Н | acyl | OH | H | |
| | acyl | | H | O-cyclopropyl |
| H | acyl . | OH | | O-acetyl SH |
| H | acyl | OH | H | |
| H | acyl | OH | H | SMe |
| H | acyl | OH | H | SEt |
| H | acyl | OH_ | H | S-cyclopropyl |
| H | acyl | OH | Н | F |
| Н | acyl | OH | Н | Cl |
| Н | acyl | OH | Н | Br |
| Н | acyl | OH | H | I |
| Н | amino acid | ОН | H | Н |
| Н | amino acid | OH | H | NH ₂ |
| Н | amino acid | OH | H | NH-cyclopropyl |
| Н | amino acid | OH | H | NH-methyl |
| Н | amino acid | OH | Н | NH-ethyl |
| Н | amino acid | OH | Н | NH-acetyl |
| Н | amino acid | OH | H | ОН |
| Н | amino acid | OH | H | OMe |
| Н | amino acid | OH | H | OEt |
| Н | amino acid | OH | H | O-cyclopropyl |
| Н | amino acid | OH | H | O-acetyl |
| Н | amino acid | OH | H | SH |
| Н | amino acid | OH | H | SMe |
| Н | amino acid | OH | Н | SEt |
| H | amino acid | OH | Н | S-cyclopropyl |
| H | amino acid | OH | H | F |
| Н | amino acid | OH | Н | Cl |
| Н | amino acid | OH | H | Br |
| Н | amino acid | OH | Н | I |
| amino acid | amino acid | OH | H | Н |
| amino acid | amino acid | OH | Н | NH ₂ |
| amino acid | amino acid | OH | Н | NH-cyclopropyl |
| amino acid | amino acid | OH | Н | NH-methyl |
| amino acid | amino acid | OH | Н | NH-ethyl |
| amino acid | amino acid | OH | Н | NH-acetyl |
| amino acid | amino acid | ОН | Н | ОН |
| amino acid | amino acid | OH | Н | OMe |
| amino acid | amino acid | OH | Н | OEt |
| amino acid | amino acid | OH | H | O-cyclopropyl |
| amino acid | amino acid | ОН | H | O-acetyl |
| amino acid | amino acid | OH | H | SH |
| amino acid | amino acid | OH | H | SMe |
| amino acid | amino acid | OH | H | SEt |
| annio aciu | ainino acid | | 1 ** | 100 |

| \mathbb{R}^2 | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|--------------------|
| amino acid | amino acid | ОН | Н | S-cyclopropyl |
| amino acid | amino acid | OH | H | F |
| amino acid | amino acid | ОН | Н | Cl |
| amino acid | amino acid | OH | H | Br |
| amino acid | amino acid | ОН | Н | 1 |
| amino acid | Н | OH | H | H |
| amino acid | H | OH | Н | NH ₂ |
| amino acid | H | OH | H | NH-cyclopropyl |
| amino acid | H | OH | H | NH-methyl |
| amino acid | H | OH | H | NH-ethyl |
| amino acid | Н | OH | H | NH-acetyl |
| amino acid | H | OH | H | OH |
| amino acid | H | OH | H | OMe |
| amino acid | H | OH | H | OEt |
| amino acid | H | OH | H | O-cyclopropyl |
| amino acid | Н | OH | Н | O-acetyl |
| | Н | OH | H | SH |
| amino acid | Н | OH | H | SMe |
| amino acid | Н | OH | Н | SEt |
| amino acid | H | OH | H . | 1 |
| amino acid | . H | | H | S-cyclopropyl F |
| amino acid | | OH | Н | Cl |
| amino acid | H | OH | 1 | |
| amino acid | H | OH | H | Br |
| amino acid | H | OH | H | I |
| amino acid | acyl | OH | H | H |
| amino acid | acyl | OH | H | NH ₂ |
| amino acid | acyl | OH | H | NH-cyclopropyl |
| amino acid | acyl | OH | H | NH-methyl |
| amino acid | acyl | ОН | H | NH-ethyl |
| amino acid | acyl | OH | H | NH-acetyl |
| amino acid | acyl | OH | H | OH |
| amino acid | acyl | ОН | H | OMe |
| amino acid | acyl | ОН | Н | OEt |
| amino acid | acyl | ОН | Н | O-cyclopropyl |
| amino acid | acyl | ОН | Н | O-acetyl |
| amino acid | acyl | ОН | H | SH |
| amino acid | acyl | ОН | H | SMe |
| amino acid | acyl | ОН | H | SEt |
| amino acid | acyl | ОН | H | S-cyclopropyl |
| amino acid | acyl | ОН | H | F |
| amino acid | acyl | ОН | H | Cl |
| amino acid | acyl | ОН | Н | Br |
| amino acid | acyl | ОН | Н | I |
| acyl | Н | ОН | ОН | Н |
| acyl | Н | ОН | ОН | NH ₂ |
| acyl | Н | ОН | ОН | NH-cyclopropyl |
| acyl | Н | ОН | ОН | NH-methyl |

| \mathbb{R}^2 | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| acyl | Н | ОН | ОН | NH-ethyl |
| acyl | Н | ОН | ОН | NH-acetyl |
| acyl | Н | ОН | OH | ОН |
| acyl | Н | ОН | ОН | OMe |
| acyl | Н | ОН | OH | OEt |
| acyl | Н | OH | OH | O-cyclopropyl |
| acyl | Н | OH | ОН | O-acetyl |
| acyl | Н | OH | ОН | SH |
| acyl | Н | ОН | ОН | SMe |
| acyl | Н | OH | OH | SEt |
| acyl | Н | OH | ОН | S-cyclopropyl |
| acyl | Н | ОН | ОН | F |
| acyl | Н | ОН | OH | Cl |
| acyl | Н | ОН | OH | Br |
| acyl | Н | ОН | ОН | I |
| acyl | acyl | OH | OH | Н |
| acyl | acyl | OH | ОН | NH ₂ |
| acyl | acyl | ОН | ОН | NH-cyclopropyl |
| acyl | acyl | ОН | ОН | NH-methyl |
| acyl | acyl | ОН | ОН | NH-ethyl |
| acyl | acyl | ОН | OH | NH-acetyl |
| acyl | acyl | ОН | ОН | ОН |
| acyl | acyl | ОН | OH | OMe |
| acyl | acyl | ОН | OH | OEt |
| acyl | acyl | ОН | OH | O-cyclopropyl |
| acyl | acyl | ОН | OH | O-acetyl |
| acyl | acyl | ОН | ОН | SH |
| acyl | acyl | ОН | OH | SMe |
| acyl | acyl | ОН | ОН | SEt |
| acyl | acyl | ОН | ОН | S-cyclopropyl |
| acyl | acyl | ОН | ОН | F |
| acyl | acyl | ОН | OH | Cl |
| acyl | acyl | ОН | OH | Br |
| acyl | acyl | ОН | OH | I |
| acyl | amino acid | ОН | OH | Н |
| acyl | amino acid | OH | OH | NH ₂ |
| acyl | amino acid | OH | OH | NH-cyclopropyl |
| acyl | amino acid | ОН | ОН | NH-methyl |
| acyl | amino acid | OH | OH | NH-ethyl |
| acyl | amino acid | ОН | ОН | NH-acetyl |
| acyl | amino acid | ОН | OH | ОН |
| acyl | amino acid | ОН | ОН | OMe |
| acyl | amino acid | ОН | ОН | OEt |
| acyl | amino acid | OH | ОН | O-cyclopropyl |
| acyl | amino acid | ОН | OH | O-acetyl |
| acyl | amino acid | ОН | ОН | SH |
| acyl | amino acid | OH | ОН | SMe |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| acyl | amino acid | OH | ОН | SEt |
| acyl | amino acid | ОН | OH | S-cyclopropyl |
| acyl | amino acid | ОН | ОН | F |
| acyl | amino acid | ОН | OH | Cl |
| acyl | amino acid | OH | OH | Br |
| acyl | amino acid | OH | ОН | I |
| H | acyl | OH | OH | H |
| H | acyl | OH | OH | NH ₂ |
| Н | | OH | OH | NH-cyclopropyl |
| H | acyl | OH | OH | NH-methyl |
| H | acyl | OH | OH | NH-ethyl |
| H | acyl | OH | OH | NH-acetyl |
| H | acyl | OH | OH | OH |
| | acyl | | OH | OMe |
| H | acyl | OH OH | OH | OEt |
| H | acyl | | ОН | |
| H | acyl | OH | | O-cyclopropyl |
| Н | acyl | OH | OH | O-acetyl |
| Н | acyl | OH | OH | SH |
| H | acyl | OH | OH | SMe |
| Н | acyl | OH | OH | SEt |
| Н | acyl | OH | OH | S-cyclopropyl |
| H | acyl | OH | ОН | F |
| H | acyl | ОН | ОН | Cl |
| Н | acyl | ОН | ОН | Br |
| Н | acyl | ОН | ОН | I . |
| Н | amino acid | OH | ОН | Н |
| Н | amino acid | OH | ОН | NH ₂ |
| H | amino acid | OH | ОН | NH-cyclopropyl |
| Н | amino acid | ОН | ОН | NH-methyl |
| Н | amino acid | OH | OH | NH-ethyl |
| ·H | amino acid | OH | ОН | NH-acetyl |
| Н | amino acid | OH | ОН | ОН |
| H | amino acid | ОН | OH | OMe |
| Н | amino acid | OH | ОН | OEt |
| Н | amino acid | ОН | ОН | O-cyclopropyl |
| Н | amino acid | OH | OH_ | O-acetyl |
| H | amino acid | OH · | OH | SH |
| Н | amino acid | OH | ОН | SMe |
| Н | amino acid | OH | OH | SEt |
| H | amino acid | OH | ОН | S-cyclopropyl |
| Н | amino acid | ОН | ОН | F |
| Н | amino acid | ОН | ОН | Cl |
| Н | amino acid | ОН | ОН | Br |
| Н | amino acid | ОН | ОН | I |
| amino acid | amino acid | ОН | OH | Н |
| amino acid | amino acid | ОН | OH | NH ₂ |
| amino acid | amino acid | ОН | ОН | NH-cyclopropyl |

| \mathbb{R}^2 | R ³ | XI | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| amino acid | amino acid | ОН | ОН | NH-methyl |
| amino acid | amino acid | ОН | ОН | NH-ethyl |
| amino acid | amino acid | ОН | ОН | NH-acetyl |
| amino acid | amino acid | ОН | OH- | ОН |
| amino acid | amino acid | ОН | OH | OMe |
| amino acid | amino acid | OH | OH | OEt |
| amino acid | amino acid | OH | ОН | O-cyclopropyl |
| amino acid | amino acid | ОН | ОН | O-acetyl |
| amino acid | amino acid | OH | ОН | SH |
| amino acid | amino acid | OH | ОН | SMe |
| amino acid | amino acid | OH | OH | SEt |
| amino acid | amino acid | OH | OH | S-cyclopropyl |
| amino acid | amino acid | OH | OH | F |
| amino acid | amino acid | OH | OH | Cl |
| amino acid | amino acid | ОН | OH | Br |
| amino acid | amino acid | OH | OH | I |
| amino acid | Н | ОН | OH | H |
| amino acid | H | OH | OH | NH ₂ |
| amino acid | H | OH | OH | NH-cyclopropyl |
| amino acid | H | OH | ОН | NH-methyl |
| amino acid | Н | ОН | OH | NH-ethyl |
| amino acid | H | ОН | OH | NH-acetyl |
| amino acid | H | OH | OH | OH |
| amino acid | Н | ОН | ОН | OMe |
| amino acid | H | OH | OH | OEt |
| amino acid | Н | ОН | ОН | O-cyclopropyl |
| amino acid | Н | OH | ОН | O-acetyl |
| amino acid | Н | ОН | ОН | SH |
| amino acid | Н | ОН | ОН | SMe |
| amino acid | Н | OH | ОН | SEt |
| amino acid | Н | ОН | ОН | S-cyclopropyl |
| amino acid | Н | ОН | ОН | F |
| amino acid | Н | ОН | ОН | Cl |
| amino acid | Н | ОН | ОН | Br |
| amino acid | Н | OH | OH | I |
| amino acid | acyl | ОН | OH | Н |
| amino acid | acyl | ОН | ОН | NH ₂ |
| amino acid | acyl | ОН | ОН | NH-cyclopropyl |
| amino acid | acyl | ОН | OH | NH-methyl |
| amino acid | acyl | ОН | ОН | NH-ethyl |
| amino acid | acyl | ОН | ОН | NH-acetyl |
| amino acid | acyl | ОН | ОН | ОН |
| amino acid | acyl | ОН | ОН | OMe |
| amino acid | acyl | ОН | ОН | OEt |
| amino acid | acyl | ОН | ОН | O-cyclopropyl |
| amino acid | acyl | ОН | OH | O-acetyl |
| amino acid | acyl | ОН | ОН | SH |
| | 1 2 | | | |

| \mathbb{R}^2 | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| amino acid | acyl | ОН | OH | SMe |
| amino acid | acyl | ОН | OH | SEt |
| amino acid | acyl | OH | OH | S-cyclopropyl |
| amino acid | acyl | ОН | OH | F |
| amino acid | acyl | OH | OH | CI |
| amino acid | acyl | OH | ОН | Br |
| amino acid | acyl | OH | OH | I I |
| acyl | Н | Н | OH | Н |
| acyl | H | H | OH | NH ₂ |
| acyl | H | Н | OH | NH-cyclopropyl |
| acyl | H | Н | OH | NH-methyl |
| acyl | H | Н | OH | NH-ethyl |
| acyl | Н | H | OH | NH-acetyl |
| acyl | Н | H | OH | OH |
| acyl | Н | H | OH | OMe |
| acyl | Н | H | OH | OEt |
| acyl | Н | Н | OH | O-cyclopropyl |
| acyl | Н | H | OH | O-acetyl |
| acyl | Н | H | OH | SH |
| acyl | H | Н | OH | SMe |
| acyl | Н | Н | ОН | SEt |
| acyl | H | Н | OH | S-cyclopropyl |
| acyl | Н | Н | ОН | F |
| acyl | Н | Н | ОН | Cl |
| acyl | Н | Н | ОН | Br |
| acyl | H | Н | ОН | I |
| acyl | acyl | Н | ОН | Н |
| acyl | acyl | Н | ОН | NH ₂ |
| acyl | acyl | Н | ОН | NH-cyclopropyl |
| acyl | acyl | Н | ОН | NH-methyl |
| acyl | acyl | Н | OH | NH-ethyl |
| acyl | acyl | Н | ОН | NH-acetyl |
| acyl | acyl | Н | OH | ОН |
| acyl | acyl | Н | ОН | ОМе |
| acyl | acyl | Н | OH | OEt |
| acyl | acyl | H | OH | O-cyclopropyl |
| acyl | acyl | Н | OH | O-acetyl |
| acyl | acyl | Η | OH | SH |
| acyl | acyl | Н | OH | SMe |
| acyl | acyl | H | ОН | SEt |
| acyl | acyl | H | OH | S-cyclopropyl |
| acyl | acyl | Н | ОН | F |
| acyl | acyl | Н | OH | Cl |
| acyl | acyl | H | ОН | Br |
| acyl | acyl | H | OH | I |
| acyl | amino acid | H | OH | H |
| acyl | amino acid | H | ОН | NH ₂ |

| R ² | R ³ | X¹ | X² | Y |
|----------------|----------------|----|----|-----------------|
| acyl | amino acid | H | OH | NH-cyclopropyl |
| acyl | amino acid | Н | OH | NH-methyl |
| acyl | amino acid | H | OH | NH-ethyl |
| acyl | amino acid | H | OH | NH-acetyl |
| | amino acid | H | OH | OH |
| acyl | amino acid | H | OH | OMe |
| acyl | amino acid | Н | OH | OEt |
| acyl | amino acid | H | | |
| acyl | | | OH | O-cyclopropyl |
| acyl | amino acid | H | OH | O-acetyl |
| acyl | amino acid | H | OH | SH |
| acyl | amino acid | H | OH | SMe |
| acyl | amino acid | H | OH | SEt |
| acyl | amino acid | H | OH | S-cyclopropyl |
| acyl | amino acid | H | OH | F |
| acyl | amino acid | H | ОН | Cl |
| acyl | amino acid | Н | OH | Br |
| acyl | amino acid | H | ОН | I |
| H | acyl | Н | ОН | Н |
| Н | acyl | Н | ОН | NH ₂ |
| Н | acyl | H | ОН | NH-cyclopropyl |
| Н | acyl | Н | ОН | NH-methyl |
| Н | acyl | H | ОН | NH-ethyl |
| Н | acyl | Н | ОН | NH-acetyl |
| Н | acyl | Н | ОН | ОН |
| Н | acyl | Н | OH | OMe |
| Н | acyl | Н | ОН | OEt |
| Н | acyl | Н | OH | O-cyclopropyl |
| H | acyl | Н | ОН | O-acetyl |
| Н | acyl | H | OH | SH_ |
| Н | acyl | Н | OH | SMe |
| Н | acyl | H | OH | SEt |
| H | acyl | H | ОН | S-cyclopropyl |
| Н | acyl | Н | OH | F |
| Н | acyl | Н | ОН | Cl |
| Н | acyl | H | ОН | Br |
| H | acyl | Н | OH | I |
| H | amino acid | H | OH | Н |
| Н | amino acid | Н | ОН | NH ₂ |
| Н | amino acid | Н | ОН | NH-cyclopropyl |
| Н | amino acid | Н | ОН | NH-methyl |
| Н | amino acid | Н | ОН | NH-ethyl |
| Н | amino acid | Н | ОН | NH-acetyl |
| Н | amino acid | Н | ОН | ОН |
| Н | amino acid | Н | ОН | OMe |
| Н | amino acid | H | ОН | OEt |
| Н | amino acid | Н | ОН | O-cyclopropyl |
| Н | amino acid | Н | ОН | O-acetyl |
| | | | | |

| R ² | R ³ | X | X ² | Y |
|----------------|----------------|---|----------------|-----------------|
| Н | amino acid | Н | OH | SH |
| Н | amino acid | Н | ОН | SMe |
| H | amino acid | Н | ОН | SEt |
| Н | amino acid | Н | ОН | S-cyclopropyl |
| H | amino acid | Н | OH | F |
| Н | amino acid | Н | ОН | Cl |
| H | amino acid | Н | OH | Br |
| H | amino acid | Н | OH | Ī |
| amino acid | amino acid | Ĥ | OH | H |
| amino acid | amino acid | H | OH | NH ₂ |
| amino acid | amino acid | Н | OH | NH-cyclopropyl |
| amino acid | amino acid | Н | OH | NH-methyl |
| amino acid | amino acid | Н | OH | NH-ethyl |
| amino acid | amino acid | H | OH | NH-acetyl |
| amino acid | amino acid | Н | OH | OH |
| amino acid | amino acid | Н | OH | OMe |
| amino acid | amino acid | Н | OH | OEt |
| amino acid | amino acid | Н | ОН | O-cyclopropyl |
| amino acid | amino acid | Н | ОН | O-acetyl |
| amino acid | amino acid | Н | ОН | SH |
| amino acid | amino acid | Н | ОН | SMe |
| amino acid | amino acid | Н | ОН | SEt |
| amino acid | amino acid | Н | OH | S-cyclopropyl |
| amino acid | amino acid | Н | ОН | F |
| amino acid | amino acid | Н | ОН | Cl |
| amino acid | amino acid | Н | OH | Br |
| amino acid | amino acid | Н | ОН | I |
| amino acid | Н | Н | OH | Н |
| amino acid | Н | Н | ОН | NH ₂ |
| amino acid | Н | Н | OH | NH-cyclopropyl |
| amino acid | Н | Н | OH | NH-methyl |
| amino acid | Н | Н | ОН | NH-ethyl |
| amino acid | Н | Н | ОН | NH-acetyl |
| amino acid | Н | H | OH | ОН |
| amino acid | Н | Н | OH | OMe |
| amino acid | H | Н | OH | OEt |
| amino acid | H | H | OH | O-cyclopropyl |
| amino acid | Н | Н | OH | O-acetyl |
| amino acid | Н | Н | ОН | SH |
| amino acid | Н | Н | OH | SMe |
| amino acid | Н | Н | OH | SEt |
| amino acid | Н | Н | ОН | S-cyclopropyl |
| amino acid | Н | Н | ОН | F |
| amino acid | Н | Н | ОН | Cl |
| amino acid | Н | Н | ОН | Br |
| amino acid | Н | H | ОН | 1 |
| amino acid | acyl | H | ОН | H |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| amino acid | acyl | H | ОН | NH ₂ |
| amino acid | acyl | H | ОН | NH-cyclopropyl |
| amino acid | acyl | H | OH | NH-methyl |
| amino acid | acyl | H | OH | NH-ethyl |
| amino acid | acyl | H | ОН | NH-acetyl |
| amino acid | acyl | H | OH | OH |
| | | H | OH | OMe |
| amino acid | acyl | Н | OH | OEt |
| amino acid | acyl | H | | |
| amino acid | acyl | | OH | O-cyclopropyl |
| amino acid | acyl | H | OH | O-acetyl |
| amino acid | acyl | H | OH | SH |
| amino acid | acyl | H | ОН | SMe |
| amino acid | acyl | H | ОН | SEt |
| amino acid | acyl | Н | ОН | S-cyclopropyl |
| amino acid | acyl | Н | ОН | F |
| amino acid | acyl | H | ОН | Cl |
| amino acid | acyl | Н | ОН | Br |
| amino acid | acyl | Н | OH | I |
| acyl | Н | OH | SH | Н |
| acyl | Н | OH | SH | NH ₂ |
| acyl | Н | OH | SH | NH-cyclopropyl |
| acyl | Н | ОН | SH | NH-methyl |
| acyl | Н | OH | SH | NH-ethyl |
| acyl | Н | ОН | SH | NH-acetyl |
| acyl | H | ОН | SH | ОН |
| acyl | H | ОН | SH | OMe |
| acyl | H | ОН | SH | OEt |
| acyl | Н | OH | SH | O-cyclopropyl |
| acyl | H | OH | SH | O-acetyl |
| acyl | Н | ОН | SH | SH |
| acyl | Н | ОН | SH | SMe |
| acyl | Н | ОН | SH | SEt |
| acyl | Н | ОН | SH | S-cyclopropyl |
| acyl | H | OH | SH | F |
| acyl | Н | OH | SH | Cl |
| acyl | Н | ОН | SH | Br |
| acyl | Н | OH | SH | I |
| acyl | acyl | ОН | SH | H |
| acyl | acyl | OH | SH | NH ₂ |
| acyl | acyl | OH | SH | NH-cyclopropyl |
| acyl | acyl | OH | SH | NH-methyl |
| acyl | acyl | OH | SH | NH-ethyl |
| | | OH | SH | NH-acetyl |
| acyl | acyl | OH | SH | OH |
| acyl | acyl | | | |
| acyl | acyl | OH | SH | OMe |
| acyl | acyl | OH | SH | OEt |
| acyl | acyl | OH | SH | O-cyclopropyl |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|----|----------------|--------------------|
| acyl | acyl | ОН | SH | O-acetyl |
| acyl | acyl | ОН | SH | SH |
| acyl | acyl | ОН | SH | SMe |
| acyl | acyl | ОН | SH | SEt |
| acyl | acyl | ОН | SH | S-cyclopropyl |
| acyl | acyl | ОН | SH | F |
| acyl | acyl | OH | SH | Cl |
| acyl | acyl | ОН | SH | Br |
| acyl | acyl | ОН | SH | I |
| acyl | amino acid | OH | SH | Н |
| acyl | amino acid | OH | SH | NH ₂ |
| acyl | amino acid | ОН | SH | NH-cyclopropyl |
| acyl | amino acid | OH | SH | NH-methyl |
| | amino acid | ОН | SH | NH-ethyl |
| acyl acyl | amino acid | OH | SH | NH-acetyl |
| acyl | amino acid | OH | SH | OH |
| acyl | amino acid | ОН | SH | OMe |
| acyl | amino acid | ОН | SH | OEt |
| acyl | amino acid | OH | SH | O-cyclopropyl |
| | amino acid | OH | SH | O-acetyl |
| acyl acyl | amino acid | OH | SH | SH |
| acyl | amino acid | OH | SH | SMe |
| acyl | amino acid | OH | SH | SEt |
| | amino acid | OH | SH | S-cyclopropyl |
| acyl | amino acid | OH | SH | F |
| acyl | amino acid | OH | SH | CI |
| acyl | amino acid | OH | SH | Br |
| acyl acyl | amino acid | OH | SH | I |
| Н | acyl | OH | SH | H |
| H | acyl | OH | SH | NH ₂ |
| Н | acyl | OH | SH | NH-cyclopropyl |
| H | acyl | OH | SH | NH-methyl |
| Н | acyl | OH | SH | NH-ethyl |
| Н | acyl | OH | SH | NH-acetyl |
| Н | acyl | ОН | SH | OH |
| H | acyl | OH | SH | OMe |
| H | acyl | OH | SH | OEt |
| Н | acyl | OH | SH | O-cyclopropyl |
| Н | acyl | OH | SH | O-acetyl |
| Н | | OH | SH | SH |
| H | acyl | OH | SH | SMe |
| | acyl | OH | SH | SEt |
| H | acyl | | | |
| H | acyl | OH | SH | S-cyclopropyl F |
| H | acyl | OH | SH | |
| Н | acyl | OH | SH | Cl |
| H | acyl | OH | SH | Br |
| Н | acyl | ОН | SH | I |

| \mathbb{R}^2 | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|------------------|
| H | | OH | SH | - 1 |
| H | amino acid | OH | SH | NH ₂ |
| H | amino acid | OH | SH | |
| | amino acid | | | NH-cyclopropyl |
| H | amino acid | OH | SH | NH-methyl |
| H | amino acid | OH | SH | NH-ethyl |
| Н | amino acid | OH | SH | NH-acetyl |
| H | amino acid | OH | SH | ОН |
| H | amino acid | OH | SH | OMe |
| H | amino acid | OH | SH | OEt |
| Н | amino acid | OH | SH | O-cyclopropyl |
| Н | amino acid | OH | SH | O-acetyl |
| Н | amino acid | OH | SH | SH |
| H | amino acid | OH | SH | SMe |
| Н | amino acid | OH | SH | SEt |
| Н | amino acid | ОН | SH | S-cyclopropyl |
| Н | amino acid | OH | SH | F |
| Н | amino acid | OH | SH | CI |
| H | amino acid | OH | SH | Br |
| Н | amino acid | OH | SH | I |
| amino acid | amino acid | OH | SH | H |
| amino acid | amino acid | OH | SH | NH ₂ |
| amino acid | amino acid | OH | SH | NH-cyclopropyl |
| amino acid | amino acid | OH | SH | NH-methyl |
| amino acid | amino acid | OH | SH | NH-ethyl |
| amino acid | amino acid | ОН | SH | NH-acetyl |
| amino acid | amino acid | OH | SH | OH |
| amino acid | amino acid | ОН | SH | OMe |
| amino acid | amino acid | OH | SH | OEt |
| amino acid | amino acid | ОН | SH | O-cyclopropyl |
| amino acid | amino acid | ОН | SH | O-acetyl |
| amino acid | amino acid | ОН | SH | SH |
| amino acid | amino acid | OH | SH | SMe |
| amino acid | amino acid | OH | SH | SEt |
| amino acid | amino acid | OH | SH | S-cyclopropyl |
| amino acid | amino acid | OH | SH | F |
| amino acid | amino acid | OH | SH | Cl |
| amino acid | amino acid | OH | SH | Br |
| amino acid | amino acid | OH | SH | I |
| amino acid | Н | OH | SH | Н |
| amino acid | Н | OH | SH | NH ₂ |
| amino acid | Н | ОН | SH | NH-cyclopropyl |
| amino acid | Н | ОН | SH | NH-methyl |
| amino acid | H | ОН | SH | NH-ethyl |
| amino acid | H | OH | SH | NH-acetyl |
| amino acid | H | OH | SH | OH |
| amino acid | H | ОН | SH | OMe |
| amino acid | H | OH | SH | OEt |
| willing acid | | | 1 | 1 22. |

101110 --

| \mathbb{R}^2 | R ³ | X | X ² | Y |
|----------------|----------------|-------|----------------|-----------------|
| amino acid | Н | OH | SH | O-cyclopropyl |
| amino acid | Н | ОН | SH | O-acetyl |
| amino acid | Н | ОН | SH | SH |
| amino acid | Н | OH | SH | SMe |
| amino acid | Н | OH | SH | SEt |
| amino acid | Н | ОН | SH | S-cyclopropyl |
| amino acid | Н | OH | SH | F |
| amino acid | Н | OH | SH | CI |
| amino acid | Н | OH | SH | Br |
| amino acid | H | ОН | SH | I |
| amino acid | acyl | OH | SH | Н |
| amino acid | acyl | ОН | SH | NH ₂ |
| amino acid | acyl | ОН | SH | NH-cyclopropyl |
| amino acid | acyl | ОН | SH | NH-methyl |
| amino acid | acyl | ОН | SH | NH-ethyl |
| amino acid | acyl | OH | SH | NH-acetyl |
| amino acid | acyl | ОН | SH | ОН |
| amino acid | acyl | OH | SH | OMe |
| amino acid | acyl | ОН | SH | OEt |
| amino acid | acyl | OH | SH | O-cyclopropyl |
| amino acid | acyl | ОН | SH | O-acetyl |
| amino acid | acyl | ОН | SH | SH |
| amino acid | acyl | ОН | SH | SMe |
| amino acid | acyl | ОН | SH | SEt |
| amino acid | acyl | ОН | SH | S-cyclopropyl |
| amino acid | acyl | ОН | SH | F |
| amino acid | acyl | ОН | SH | CI |
| amino acid | acyl | ОН | SH | Br |
| amino acid | acyl | ОН | SH | I |
| acyl | H | SH | ОН | Н |
| acyl | Н | SH | ОН | NH ₂ |
| acyl | Н | SH | ОН | NH-cyclopropyl |
| acyl | Н | SH | ОН | NH-methyl |
| acyl | Н | SH | OH | NH-ethyl |
| acyl | Н | SH | ОН | NH-acetyl |
| acyl | Н | SH | ОН | OH |
| acyl | Н | SH | ОН | OMe |
| acyl | Н | SH | ОН | OEt |
| acyl | Н | SH | ОН | O-cyclopropyl |
| acyl | Н | SH | ОН | O-acetyl |
| acyl | Н | SH | OH | SH |
| acyl | Н | SH | ОН | SMe |
| acyl | H | SH | ОН | SEt |
| acyl | Н | SH | ОН | S-cyclopropyl |
| acyl | H | SH | OH | F |
| acyl | H | SH | ОН | CI |
| acyl | H | SH | OH | Br |
| ue y i | 1 ** | 1 211 | 1011 | 1 |

| R ² | R ³ | X¹ | X ² | Y |
|----------------|----------------|----|----------------|-----------------|
| acyl | H | SH | ОН | i |
| acyl | acyl | SH | ОН | H |
| acyl | acyl | SH | OH | NH ₂ |
| acyl | acyl | SH | OH | NH-cyclopropyl |
| acyl | acyl | SH | OH | NH-methyl |
| acyl | acyl | SH | OH | NH-ethyl |
| acyl | acyl | SH | ОН | NH-acetyl |
| acyl | acyl | SH | ОН | OH |
| acyl | acyl | SH | ОН | OMe |
| acyl | acyl | SH | OH | OEt |
| acyl | acyl | SH | OH | O-cyclopropyl |
| | | SH | OH | O-acetyl |
| acyl | acyl | SH | OH | SH |
| acyl | acyl | SH | OH | SMe |
| acyl | acyl | SH | OH | SEt |
| acyl | acyl | SH | OH | S-cyclopropyl |
| acyl | acyl | SH | OH | F S-cyclopropyi |
| acyl | acyl | SH | OH | Cl |
| acyl | acyl | SH | OH | Br |
| acyl | acyl | SH | OH | I |
| acyl | acyl | SH | OH | H |
| acyl | amino acid | | | |
| acyl | amino acid | SH | OH | NH ₂ |
| acyl | amino acid | SH | OH | NH-cyclopropyl |
| acyl | amino acid | SH | OH | NH-methyl |
| acyl | amino acid | SH | OH | NH-ethyl |
| acyl | amino acid | SH | OH | NH-acetyl OH |
| acyl | amino acid | SH | OH | |
| acyl | amino acid | SH | OH | OMe OEt |
| acyl | amino acid | SH | OH | |
| acyl | amino acid | SH | OH | O-cyclopropyl |
| acyl | amino acid | SH | OH | O-acetyl |
| acyl | amino acid | SH | OH | SH |
| acyl | amino acid | SH | OH | SMe |
| acyl | amino acid | SH | OH | SEt |
| acyl | amino acid | SH | OH | S-cyclopropyl |
| acyl | amino acid | SH | OH | F |
| acyl | amino acid | SH | OH | Cl |
| acyl · | amino acid | SH | OH | Br |
| acyl | amino acid | SH | OH | I |
| H | acyl | SH | OH | H |
| H | acyl | SH | OH | NH ₂ |
| H | acyl | SH | ОН | NH-cyclopropyl |
| Н | acyl | SH | ОН | NH-methyl |
| H | acyl | SH | ОН | NH-ethyl |
| H | acyl | SH | ОН | NH-acetyl |
| H | acyl | SH | ОН | ОН |
| Н | acyl | SH | OH | ОМе |

| R ² | R ³ | X¹ | X ² | Lv |
|----------------|----------------|-------------|----------------|-----------------|
| | | | | Y |
| H | acyl | SH | OH | OEt |
| H | acyl | SH | OH | O-cyclopropyl |
| H | acyl | SH | OH | O-acetyl |
| H | acyl | SH | ОН | SH |
| Н | acyl | SH | ОН | SMe |
| H | acyl | SH | ОН | SEt |
| H | acyl | SH | ОН | S-cyclopropyl |
| H | acyl | SH | OH | F |
| Н | acyl | SH | OH | Cl |
| H | acyl | SH | OH | Br |
| Н | acyl | SH | ОН | I |
| Н | amino acid | SH | ОН | H |
| Н | amino acid | SH | OH | NH ₂ |
| Н | amino acid | SH | ОН | NH-cyclopropyl |
| Н | amino acid | SH | OH | NH-methyl |
| H | amino acid | SH | ОН | NH-ethyl |
| Н | amino acid | SH | ОН | NH-acetyl |
| Н | amino acid | SH | ОН | ОН |
| Н | amino acid | SH | ОН | OMe |
| Н | amino acid | SH | OH | OEt |
| Н | amino acid | SH | ОН | O-cyclopropyl |
| Н | amino acid | SH | ОН | O-acetyl |
| Н | amino acid | SH | ОН | SH |
| Н | amino acid | SH | OH | SMe |
| Н | amino acid | SH | ОН | SEt |
| Н | amino acid | SH | ОН | S-cyclopropyl |
| Н | amino acid | SH | OH | F |
| H | amino acid | SH | ОН | Cl |
| Н | amino acid | SH | ОН | Br |
| Н | amino acid | SH | OH | I |
| amino acid | amino acid | SH | OH | Н |
| amino acid | amino acid | SH | ОН | NH ₂ |
| amino acid | amino acid | SH | ОН | NH-cyclopropyl |
| amino acid | amino acid | SH | ОН | NH-methyl |
| amino acid | amino acid | SH | ОН | NH-ethyl |
| amino acid | amino acid | SH | ОН | NH-acetyl |
| amino acid | amino acid | SH | ОН | OH |
| amino acid | amino acid | SH | ОН | OMe |
| amino acid | amino acid | SH | ОН | OEt |
| amino acid | amino acid | SH | ОН | O-cyclopropyl |
| amino acid | amino acid | SH | OH | O-acetyl |
| amino acid | amino acid | SH | ОН | SH |
| amino acid | amino acid | SH | OH | SMe |
| amino acid | amino acid | SH | ОН | SEt |
| amino acid | amino acid | SH | OH | S-cyclopropyl |
| amino acid | amino acid | SH | OH | F |
| amino acid | amino acid | SH | OH | Cl |
| annino aciu | L arimio acid | 311 | U11 | CI |

| \mathbb{R}^2 | R ³ | X | X ² | Y |
|----------------|----------------|----------|----------------|--------------------|
| amino acid | amino acid | SH | ОН | Br |
| amino acid | amino acid | SH | ОН | I |
| amino acid | Н | SH | ОН | H |
| amino acid | H | SH | ОН | NH ₂ |
| amino acid | Н | SH | OH | NH-cyclopropyl |
| amino acid | H | SH | OH | NH-methyl |
| amino acid | H | SH | OH | NH-ethyl |
| amino acid | Н | SH | OH | NH-acetyl |
| amino acid | H | SH | ОН | OH OH |
| amino acid | Н | SH | OH | OMe |
| amino acid | H | SH | OH | OEt |
| amino acid | H | SH | OH | O-cyclopropyl |
| amino acid | H | SH | OH | O-acetyl |
| amino acid | H | SH | OH | SH |
| amino acid | H | SH | OH | SMe |
| amino acid | H . | SH | OH | SEt |
| amino acid | Н | SH | OH | |
| | Н | SH | OH | S-cyclopropyl F |
| amino acid | H | | OH | Cl |
| amino acid | H | SH | | |
| amino acid | | SH | OH | Br |
| amino acid | H | SH | OH | I |
| amino acid | acyl | SH | OH | H |
| amino acid | acyl | SH | OH | NH ₂ |
| amino acid | acyl | SH | ОН | NH-cyclopropyl |
| amino acid | acyl | SH | ОН | NH-methyl |
| amino acid | acyl | SH | OH | NH-ethyl |
| amino acid | acyl | SH | OH | NH-acetyl |
| amino acid | acyl | SH | OH | ОН |
| amino acid | acyl | SH | ОН | OMe |
| amino acid | acyl | SH | ОН | OEt |
| amino acid | acyl | SH | ОН | O-cyclopropyl |
| amino acid | acyl | SH | OH | O-acetyl |
| amino acid | acyl | SH | ОН | SH |
| amino acid | acyl | SH | ОН | SMe |
| amino acid | acyl | SH | ОН | SEt |
| amino acid | acyl | SH | OH | S-cyclopropyl |
| amino acid | acyl | SH | ОН | F |
| amino acid | acyl | SH | ОН | CI |
| amino acid | acyl | SH | ОН | Br |
| amino acid | acyl | SH | ОН | I |
| acyl | Н | Br | Н | Н |
| acyl | Н | Br | Н | NH ₂ |
| acyl | Н | Br | Н | NH-cyclopropyl |
| acyl | Н | Br | Н | NH-methyl |
| acyl | H | Br | Н | NH-ethyl |
| acyl | Н | Br | Н | NH-acetyl |
| acyl | H | Br | H | OH |
| | l | لللسلسات | | <u> </u> |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|------|----------------|-----------------|
| acyl | H | Br | H | OMe |
| acyl | Н | Br | H | OEt |
| acyl | Н | Br | H | O-cyclopropyl |
| acyl | H | Br | H | O-acetyl |
| acyl | H | Br | H | SH |
| | H | Br | H | SMe |
| acyl | H | Br | H | SEt |
| acyl | Н | Br | H | S-cyclopropyl |
| acyl | H | Br | H | F |
| acyl | H | Br | H | Cl |
| acyl | H | Br | H | Br |
| acyl | H | Br | H | I |
| acyl | | Br | H | H |
| acyl | acyl | Br | Н | |
| acyl | acyl | Br | Н | NH ₂ |
| acyl | acyl | Br | Н | NH-cyclopropyl |
| acyl | acyl | Br | H | NH-methyl |
| acyl | acyl | | | NH-ethyl |
| acyl | acyl | Br | H | NH-acetyl |
| acyl | acyl | Br | Н | OH |
| acyl | acyl | Br | H | OMe |
| acyl | acyl | Br | H | OEt |
| acyl | acyl | Br | Н | O-cyclopropyl |
| acyl | acyl | Br | H | O-acetyl |
| acyl | acyl | Br | H | SH |
| acyl | acyl | Br | H | SMe |
| acyl | acyl | Br | Н | SEt |
| acyl | acyl | Br | H | S-cyclopropyl |
| acyl | acyl | Br | Н | F |
| acyl | acyl | Br | Н | Cl |
| acyl | acyl | Br | Н | Br |
| acyl | acyl | Br | Н | I |
| acyl | amino acid | Br | Н | H |
| acyl | amino acid | Br | H | NH ₂ |
| acyl | amino acid | Br | H | NH-cyclopropyl |
| acyl | amino acid | Br | Н | NH-methyl |
| acyl | amino acid | Br | Н | NH-ethyl |
| acyl | amino acid | Br | H | NH-acetyl |
| acyl | amino acid | Br | H | ОН |
| acyl | amino acid | Br | Н | OMe |
| acyl | amino acid | Br | Н | OEt |
| acyl | amino acid | Br | H | O-cyclopropyl |
| acyl | amino acid | Br | Н | O-acetyl |
| acyl | amino acid | Br | Н | SH |
| acyl | amino acid | Br · | Н | SMe |
| acyl | amino acid | Br | Н | SEt |
| | | T | T | |
| acyl | amino acid | Br | H | S-cyclopropyl |

| R ² | \mathbb{R}^3 | X¹ | X ² | Y |
|----------------|----------------|----|----------------|--------------------|
| acyl | amino acid | Br | Н | CI |
| acyl | amino acid | Br | H | Br |
| acyl | amino acid | Br | H | Ī |
| H | acyl | Br | H | H |
| H | acyl | Br | H | NH ₂ |
| H | acyl | Br | H | NH-cyclopropyl |
| H | acyl | Br | H | NH-methyl |
| H | acyl | Br | H | NH-ethyl |
| H | acyl | Br | H | NH-acetyl |
| H | acyl | Br | H | OH |
| H | acyl | Br | H | OMe |
| Н | acyl | Br | H | OEt |
| H | | Br | H | O-cyclopropyl |
| Н | acyl | Br | H | O-acetyl |
| H | acyl | Br | H | SH |
| Н | acyl | Br | Н | SMe |
| | acyl | Br | Н | SEt |
| Н | acyl | Br | H | |
| H | acyl | Br | Н | S-cyclopropyl F |
| | acyl | | Н | Cl |
| H | acyl | Br | | |
| H | acyl | Br | H | Br |
| H | acyl | Br | H | I |
| Н | amino acid | Br | H | H |
| H | amino acid | Br | H_ | NH ₂ |
| H | amino acid | Br | H | NH-cyclopropyl |
| H | amino acid | Br | H | NH-methyl |
| H | amino acid | Br | H | NH-ethyl |
| H | amino acid | Br | H | NH-acetyl |
| H | amino acid | Br | H | ОН |
| H | amino acid | Br | H | OMe |
| Н | amino acid | Br | H | OEt |
| H | amino acid | Br | H | O-cyclopropyl |
| Н | amino acid | Br | H | O-acetyl |
| Н | amino acid | Br | H | SH |
| Н | amino acid | Br | Н | SMe |
| H | amino acid | Br | H | SEt |
| H | amino acid | Br | H | S-cyclopropyl |
| Н | amino acid | Br | H | F |
| H | amino acid | Br | H | Cl |
| Н | amino acid | Br | H | Br |
| H | amino acid | Br | H | I |
| amino acid | amino acid | Br | Н | Н . |
| amino acid | amino acid | Br | Н | NH ₂ |
| amino acid | amino acid | Br | Н | NH-cyclopropyl |
| amino acid | amino acid | Br | Н | NH-methyl |
| amino acid | amino acid | Br | Н | NH-ethyl |
| amino acid | amino acid | Br | Н | NH-acetyl |

| R ² | R ³ | X ¹ | X ² | Y |
|----------------|----------------|----------------|----------------|-----------------|
| amino acid | | Br | H | |
| amino acid | amino acid | Br | H | OH OMe |
| | amino acid | Br | | |
| amino acid | amino acid | | H | OEt |
| amino acid | amino acid | Br | H | O-cyclopropyl |
| amino acid | amino acid | Br | H | O-acetyl |
| amino acid | amino acid | Br | Н | SH |
| amino acid | amino acid | Br | H | SMe |
| amino acid | amino acid | Br | <u> </u> | SEt |
| amino acid | amino acid | Br | H | S-cyclopropyl |
| amino acid | amino acid | Br | Н | F |
| amino acid | amino acid | Br | Н | Cl |
| amino acid | amino acid | Br | H | Br |
| amino acid | amino acid | Br | Н | I |
| amino acid | H | Br | Н | Н |
| amino acid | Н | Br | H | NH ₂ |
| amino acid | H | Br | Н | NH-cyclopropyl |
| amino acid | H | Br | Н | NH-methyl |
| amino acid | Н | Br | Н | NH-ethyl |
| amino acid | H | Br | Н | NH-acetyl |
| amino acid | Н | Br | Н | ОН |
| amino acid | Н | Br | H | ОМе |
| amino acid | Н | Br | Н | OEt |
| amino acid | Н | Br | Н | O-cyclopropyl |
| amino acid | Н | Br | Н | O-acetyl |
| amino acid | Н | Br | H | SH |
| amino acid | Н | Br | Н | SMe |
| amino acid | Н | Br | Н | SEt |
| amino acid | Н | Br | H | S-cyclopropyl |
| amino acid | Н | Br | Н | F |
| amino acid | Н | Br. | Н | Cl |
| amino acid | Н | Br | Н | Br |
| amino acid | Н | Br | Н | I |
| amino acid | acyl | Br | Н | Н |
| amino acid | acyl | Br | H | NH ₂ |
| amino acid | acyl | Br | Н | NH-cyclopropyl |
| amino acid | acyl | Br | Н | NH-methyl |
| amino acid | acyl | Br | Н | NH-ethyl |
| amino acid | acyl | Br | Н | NH-acetyl |
| amino acid | acyl | Br | Н | OH |
| amino acid | acyl | Br | H | OMe |
| amino acid | acyl | Br · | Н | OEt |
| amino acid | acyl | Br | Н | O-cyclopropyl |
| amino acid | acyl | Br | H | O-acetyl |
| amino acid | acyl | Br | H | SH |
| amino acid | acyl | Br | H | SMe |
| amino acid | acyl | Br | Н | SEt |
| amino acid | acyl | | | |
| animo acid | acyi | Br | Н | S-cyclopropyl |

| \mathbb{R}^2 | R ³ | X¹ | X² | Y |
|----------------|----------------|-------|----------|--------------------|
| amino acid | acyl | Br | H | F |
| amino acid | acyl | Br | H | CI |
| amino acid | acyl | Br | Н | Br |
| amino acid | acyl | Br | Н | I |
| acyl | Н | Br | Br | H |
| acyl | H | Br | Br | NH ₂ |
| acyl | H | Br | Br | NH-cyclopropyl |
| acyl | H | Br | Br | NH-methyl |
| acyl | H | Br | Br | NH-ethyl |
| acyl | H | Br | Br | NH-acetyl |
| acyl | H | Br | Br | OH |
| | H | Br | Br | OMe |
| acyl | H | Br | Br | OEt |
| acyl | H | Br | Br | |
| acyl | H | Br | Br | O-cyclopropyl |
| acyl | Н | Br | Br | O-acetyl SH |
| acyl | Н | Br | Br | |
| acyl | Н | Br | Br | SMe SEt |
| acyl | H | Br | Br | l |
| acyl | Н | | Br | S-cyclopropyl F |
| acyl | Н | Br | | CI |
| acyl | Н | Br D- | Br D- | |
| acyl | | Br | Br | Br |
| acyl | H | Br | Br | I |
| acyl | acyl | Br | Br | H |
| acyl | acyl | Br | Br | NH ₂ |
| acyl | acyl | Br | Br | NH-cyclopropyl |
| acyl | acyl | Br | Br | NH-methyl |
| acyl | acyl | Br | Br | NH-ethyl |
| acyl | acyl | Br | Br | NH-acetyl |
| acyl | acyl | Br | Br | OH |
| acyl | acyl | Br | Br | OMe |
| acyl | acyl | Br | Br | OEt |
| acyl | acyl | Br | Br | O-cyclopropyl |
| acyl | acyl | Br | Br | O-acetyl |
| acyl | acyl | Br | Br | SH |
| acyl | acyl | Br | Br | SMe |
| acyl | acyl | Br | Br | SEt |
| acyl | acyl | Br | Br | S-cyclopropyl |
| acyl | acyl | Br | Br | F |
| acyl | acyl | Br | Br | Cl |
| acyl | acyl | Br | Br | Br |
| acyl | acyl | Br | Br | I |
| acyl | amino acid | Br | Br | Н |
| acyl | amino acid | Br | Br | NH ₂ |
| acyl | amino acid | Br | Br | NH-cyclopropyl |
| acyl | amino acid | Br | Br | NH-methyl |
| acyl | amino acid | Br | Br | NH-ethyl |

| R ² | R ³ | XI | X ² | Y |
|----------------|----------------|----|----------------|-----------------------------|
| acyl | amino acid | Br | Br | NH-acetyl |
| acyl | amino acid | Br | Br | OH |
| acyl | amino acid | Br | Br | OMe |
| acyl | amino acid | Br | Br | OEt |
| acyl | amino acid | Br | Br | O-cyclopropyl |
| acyl | amino acid | Br | Br | O-acetyl |
| acyl | amino acid | Br | Br | SH |
| acyl | amino acid | Br | Br | SMe |
| acyl | amino acid | Br | Br | SEt |
| acyl | amino acid | Br | Br | S-cyclopropyl |
| | amino acid | Br | Br | F |
| acyl | amino acid | Br | Br | CI |
| acyl | amino acid | Br | Br | Br |
| acyl | amino acid | Br | Br | I |
| acyl H | | Br | Br | H |
| H | acyl acyl | Br | Br | NH ₂ |
| Н | | Br | Br | |
| H | acyl acyl | Br | Br | NH-cyclopropyl NH-methyl |
| H | acyl | Br | Br | NH-ethyl |
| Н | | Br | Br | NH-acetyl |
| H | acyl | Br | Br | OH OH |
| Н | acyl | Br | Br | OMe |
| H | acyl | Br | Br | OEt |
| H | acyl acyl | Br | Br | O-cyclopropyl |
| H | acyl | Br | Br | O-acetyl |
| H | acyl | Br | Br | SH |
| Н | acyl | Br | Br | SMe |
| H | acyl | Br | Br | SEt |
| H | acyl | Br | Br | S-cyclopropyl |
| H | acyl | Br | Br | F |
| H | acyl | Br | Br | Cl |
| H | acyl | Br | Br | Br |
| Н | acyl | Br | Br | I |
| Н | amino acid | Br | Br | Н |
| H | amino acid | Br | Br | NH ₂ |
| Н | amino acid | Br | Br | NH-cyclopropyl |
| H | amino acid | Br | Br | NH-methyl |
| Н | amino acid | Br | Br | NH-ethyl |
| H | amino acid | Br | Br | NH-acetyl |
| H | amino acid | Br | Br | OH |
| Н | amino acid | Br | Br | OMe |
| Н | amino acid | Br | Br | OEt |
| H | amino acid | Br | Br | O-cyclopropyl |
| H | amino acid | Br | Br | O-acetyl |
| Н | amino acid | Br | Br | SH |
| H | amino acid | Br | Br | SMe |
| H | amino acid | Br | Br | SEt |
| L*A | millio acid | Di | ינע | OLL |